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No. 33.



FIFTH LIST OF THE PUBLICATIONS

OF HARVARD UNIVERSITY AND ITS OFFICERS,
WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

1887-1888.

By WILLIAM HOPKINS TILLINGHAST,

Assistant Librarian.

CAMBRIDGE, MASS. :

Issued by the Library of Harvard University.

1889.

Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

VOL. I.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries. Pt. I.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillips.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. FIRST LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1870-1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palæontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855-1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830-1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884-1885.

VOL. II.

21. SECOND LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1880-1885.
22. JUSTIN WINSOR. Calendar of the Sparks Manuscripts in Harvard College Library.
23. WILLIAM H. TILLINGHAST. Third List of the Publications of Harvard University and its Officers. 1885-1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, no. 2. 1885-1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW MCF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. Fourth List of Publications of Harvard University and its Officers. 1886-1887.
29. WILLIAM C. LANE. Index to Recent Reference Lists, no. 3. 1887.
30. Facsimile of the autograph of Shelley's poem "To a Skylark," with a letter from Mr. Edward A. Silsbee.
31. W. G. FARLOW. Supplemental List of Works on North American Fungi.
32. H. C. BADGER. Mathematical Theses, 1782-1839.
33. WILLIAM H. TILLINGHAST. Fifth list of Publications of Harvard University and its Officers. 1887-1888.
- *34. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.



A LIST OF THE PUBLICATIONS OF HARVARD UNIVERSITY AND ITS OFFICERS, WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

FROM SEPTEMBER 30, 1887, TO SEPTEMBER 30, 1888.

* * The list of publications of the officers of the University has been prepared from information received from the officers in response to a circular issued by the editor; for the record of the publications of the University, and for that of the articles relating to it, the editor is responsible. It is proposed to continue this list for successive academic years.

THE UNIVERSITY.

The Harvard University catalogue, 1887-88. Cambridge. 1887. 8°. pp. 356, map.

Edited by W. C. Lane.

Much of the matter in the Catalogue is also printed for distribution in the "Admission," "Elective," and "Graduate" pamphlets, etc., having the following titles: *Selected sheets from the Harvard University Catalogue*, 1887-88, containing all necessary information for persons intending to enter Harvard College. — *Announcement of courses of instruction provided by the Faculty of Harvard College for the academic year 1888-89*. pp. 41. May, 1888. — *Account of the graduate department for the academic year 1888-89*. pp. 40. 1888. — *Announcement concerning the courses of instruction offered to special students by the Faculty of Harvard College*. Jan. 1888. — *Examinations for women* (explanatory). There are also circulars describing the *Summer courses of instruction*. The Departments issue their own portions of the Catalogue separately, in some cases with additions: the *105th Annual catalogue of the Medical School* contains the examination papers of 1887; the *20th Annual announcement of the Dental School* (pp. 15) contains a complete list of graduates; the *5th Annual announcement of the School of Veterinary Medicine* contains the admission examination papers and a view of the Village Street hospital.

Directory of the officers and students of Harvard University, October 6, 1887. Cambridge. 1887. 8°. pp. 20.

Edited by W. C. Lane.

Annual report of the President and Treasurer of Harvard College, 1886-87. Cambridge. 1888. 8°. pp. 170, 60.

This report contains also the reports from the various departments and institutions of the University. The report of the Treasurer and those of several of the Departments are also issued separately.

Harvard University calendar. No. 232-266; October, 1887—July, 1888.
The calendar is issued in term-time only.

[Programme of the exercises at Commencement, 1888.] 4°. pp. xii.

Contains, in Latin, the names of those who receive degrees and academic honors in all departments.

[Circulars of the Plummer Professor and the Preachers to the University: To teachers; To pastors; To parents and friends.] July, 1888.

ARNOLD ARBORETUM.

Annual report of the Director of the Arnold Arboretum [C. S. Sargent] to the President and Fellows of Harvard College, for 1886-87. 1888. 8°. pp. 4, *map*.
Reprinted from the President's annual report.

ASTRONOMICAL OBSERVATORY.

Annals of the Astronomical Observatory of Harvard College. Vol. xiii. 2, xviii. 3-5. Cambridge. 1887-88. 4°.

Contents : — xiii. 2. Zone observations. By E. C. Pickering. pp. (6), 211-359. — xviii. 3. Photometric observations of asteroids. H. M. Parkhurst. pp. 29-72. — 4. Total eclipse of the moon, Jan. 28, 1888. pp. 73-83. *plate*. — 5. Total eclipse of the sun, Aug. 29, 1886. W. H. Pickering. pp. 85-111, *plates* 4.

Henry Draper memorial. Second annual report of the photographic study of stellar spectra conducted at the Harvard College Observatory, Edward C. Pickering, Director. With two plates. Cambridge. 1888. 4°. pp. 7.

Forty-second annual report of the Director of the Astronomical Observatory of Harvard College. Presented to the visiting committee, December 2, 1887. By Edward C. Pickering. Cambridge. 1887. 8°. pp. 12.

The report includes a list of the scientific articles published by the officers of the Observatory during the year. It is also included in the annual report of the President.

Boyden fund. Circular, no. 3. 4°. 1887.

Contents : — Observations of temperature and rainfall.

Astronomical Observatory of Harvard College. Miscellaneous papers. 1877-88. Cambridge. 1888. 8°.

This is a collection of 55 separate papers, bound together and provided with a title-page.

BUSSEY INSTITUTION.

Bulletin of the Bussey Institution, Jamaica Plain, Boston.

Nothing has been issued within the period covered by this list. The Bulletin is published by Allyn & Bacon, Boston.

The annual report of the Dean of the Bussey Institution will be found in the President's report.

LAW SCHOOL.

Catalogue of the officers and students of the Law School of Harvard University. 1817-1887. Cambridge. Sever. 1888. 8°. pp. xii. 244.

Catalogues of this nature were issued by the Law School every third year from 1833 to 1851, and in 1858. The present issue gives the addresses of living graduates and students, and the date and place of death of those known to have died, so far as the facts could be ascertained.

LIBRARY.

Harvard University bulletin, no. 38-40. Vol. v. no. 1-3. Oct. 1887-May, 1888.

Contents (besides the list of Accessions, the votes of the Corporation and the Overseers, and the Necrology) : — 38. (Oct. 1887.) Dante collections [continued]. pp. 35-42. — Calendar of the Sparks manuscripts [continued]. pp. 43-49. — North American Fungi [continued]. pp. 50-66. — The Carlyle collection, ii. Books on Frederick the Great. pp. 67-72.

39. (Jan. 1888.) The Carlyle collection, ii. [concluded]. pp. 107-116. — Dante collections [continued]. pp. 117-121. — Calendar of the Sparks manuscripts [continued]. pp. 122-135. — Index to recent reference lists. No. 3. pp. 136-144.

40. (May, 1888.) Calendar of the Sparks manuscripts [continued]. pp. 186-201. — Dante collections [continued]. pp. 202-208.

Bibliographical contributions. Edited by Justin Winsor. In part republished from the Bulletin of Harvard University. The following numbers have been issued since Sept. 1887 :—

26. WILLIAM COOLIDGE LANE. The Carlyle collection. A catalogue of books on Oliver Cromwell and Frederick the Great, bequeathed by Thomas Carlyle to Harvard College Library. pp. 22. *plate*.

Contains occasional bibliographical notes, and also characterizations of the books described, extracted from Carlyle's works. A photograph of the mask of Cromwell's face, given to the Library by Professor Norton, is added.

27. ANDREW MCFARLAND DAVIS. A few notes concerning the records of Harvard College. pp. 14.

Contains:—1. Index compiled by President Wadsworth to the missing volume of the Harvard records, denominated by him No. II., and called by President Leverett "Old Overseers' Records." 2. Lists of books given to the Library by John Harvard, Peter Bulkley, Sir Kenelm Digby, and Governor Bellingham, transcribed from the College records, with bibliographical notes.

28. WILLIAM HOPKINS TILLINGHAST. Fourth list of the publications of Harvard University and its officers, with the chief publications on the University. 1886-87. pp. 34.

29. WILLIAM COOLIDGE LANE. Index to recent reference lists. No. 3. 1887. pp. 11.

30. SHELLEY'S SKYLARK, a fac-simile of the original manuscript, with a note on other manuscripts of Shelley in Harvard College Library. pp. 9.

31. FARLOW, W. G. A supplemental list of works on North American Fungi. pp. 9.

Supplemental to No. 25.

A few words on the card-catalogue. *Broadside*.

By W. C. LANE.

Tenth report (1886-87) of Justin Winsor, librarian of Harvard University. 8°. pp. 12.

Included in the annual report of the President, and also printed separately.

MEDICAL SCHOOL.

Medical publications. Harvard Medical School. 1887.

Consists of separate papers bound together and provided with a title-page. Clinical papers are omitted purposely.

Contents:—The action of sulphuric ether on the peripheral nervous system. H. P. Bowditch. — The anatomy and physiology of the recurrent laryngeal nerves. F. H. Hooper. — The effect of pure alcohol on the reaction time, with a description of a new chronoscope. J. W. Warren. — Notes on muscular abnormalities. T. Dwight. — The range of variation of the human shoulder-blade. T. Dwight. — The process of repair after resection of the intestine. J. C. Warren. — The experimental value of the Dowse splint. E. G. Brackett. — Fracture of the spine: its immediate treatment by rectification of the deformity and fixation by plaster of Paris jacket. H. L. Burrell. — The artificial feeding of infants. T. M. Rotch. — The experimental research upon rabies. H. C. Ernst.

MUSEUM OF COMPARATIVE ZOÖLOGY.

Memoirs of the Museum of Comparative Zoölogy at Harvard College. Vol. xv. Oct. 1887. 4°.

Contents:—Reports on the results of dredging, under the direction of L. F. Pourtalès, during the years 1868-70, and of Alexander Agassiz in the Gulf of Mexico (1877-78), and in the Caribbean Sea (1878-79), in the U. S. C. S. Str. "Blake." XXXI. Report on the Annelids. By E. Ehlers. pp. 335, *plates* 60.

This report is in the German language.

Bulletin of the Museum of Comparative Zoölogy at Harvard College, in Cambridge. Vol. xiii. 6-10, xiv., xv., xvi. 1 (Geological series, vol. ii.), xvii. 1, 2.

Contents:—xiii. 6. Contributions from the Embryological laboratory. XII. The eyes in scorpi-
ons. By G. H. Parker. pp. 173-208. *plates* 4. (Dec. 1887.)—7. Studies from the Newport marine
laboratory. XIX. On certain medusae from New England. By J. W. Fewkes. pp. 209-240. *plates* 6.
(Feb. 1888.)—8. On certain vacuities or deficiencies in the crania of mammals. By D. D. Slade.
pp. 241-246. *plates* 2. (March, 1888.)—9. Contributions from the Zoölogical laboratory. XIII. The
superior incisors and canine teeth of sheep. By Florence Mayo. pp. 247-258. *plates* 2. (June, 1888.)

— 10. The rattle of the rattle-snake. By S. Garman. pp. 259–268. *plates* 2. (Aug. 1888.) — xiv., xv. A contribution to American thalassography. Three cruises of the U. S. C. and G. S. Str. "Blake" in the Gulf of Mexico, in the Caribbean Sea, and along the Atlantic coast of the United States, from 1877 to 1880. By Alexander Agassiz. 2 vols. Boston, etc. Houghton, Mifflin & Co. 1888. pp. xxii. 314, 220. *maps, plates, cuts*. — xvi. 1. On the petrographical characters of a dike of diabase in the Boston basin. By William H. Hobbs. pp. 1–12, *plate* 1. (March, 1888.) — xvii. 1. Studies from the Newport marine laboratory. XX. On the development of the calcareous plates of Asterias. By J. W. Fewkes. pp. 1–56. *plates* 5. (July, 1888.) — 2. On the lateral canal system of the Selachia and Holocephala. By S. Garman. pp. 57–119, *plates* 53. (Sept. 1888.)

Annual report of the Curator [Alexander Agassiz] of the Museum of Comparative Zoölogy at Harvard College, to the President and Fellows of Harvard College, for 1886–87. Cambridge. 1887. 8°. pp. 35.

This pamphlet contains, beside the main report of the Curator, which is also included in the report of the President, special reports by officers of the Museum on the departments placed under their charge respectively, and lists of the publications of the Museum.

Papers based in part upon studies of Museum Collections.

A list of American species of Gobiidae and Callionymidae, with notes on the specimens contained in the Museum of Comparative Zoölogy at Cambridge, Mass. By Carl H. Eigenmann and Rosa Smith Eigenmann. Extracted from the *Proceedings of the California Academy of Sciences*, 25 Jan. 1888; 2d series. i. 51–78.

Die Forciptes der Staphyliniden Gattung Lathrobium. Dr. G. Czwalina. *Deutsche Entomolog. Zeitschr.* 1888; xxxii. 338–354, *plates* 2.

New species of North American Tineidae. Beutenmueller. *Entomologica Americana*, 1888.

PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

Twenty-first annual report of the trustees of the Peabody Museum of American Archaeology and Ethnology in connection with Harvard University. Presented to the President and Fellows of Harvard College, Dec. 1887 [consisting of the reports of the Treasurer (F. C. Lowell) and of the Curator (F. W. Putnam), and abstracts from the records of the Trustees by the Secretary (H. Wheattam)]. Vol. iv. no. i. pp. 1–19.

Archaeological and ethnological papers of the Peabody Museum, Harvard University. Vol. i. no. 1.

Contents: — Standard or headdress? An historical essay on a relic of ancient Mexico. By Zelia Nuttall. pp. 1–52, *plates* 3. (Oct. 1888.)

SCIENTIFIC PAPERS FROM THE LABORATORIES OF THE UNIVERSITY.

Contributions from the Chemical Laboratory of Harvard College.

The action of fluoride of silicon on organic bases. By C. L. Jackson and A. M. Comey. *Proc. Am. Acad.* xxiii. 20. Also *Am. Chem. Journ.* May, 1888; x. 165–181.

Silicotetrafluorides of certain bases. By A. M. Comey and F. W. Smith. *Proc. Am. Acad.* xxiii. 122–124. Also *Am. Chem. Journ.* July, 1888; x. 294–296.

On tribromotrinitrobenzol. By C. L. Jackson and J. F. Wing. *Ibid.* 138–148. Also *Am. Chem. Journ.* July 1888; x. 283–294.

The relative values of the atomic weights of hydrogen and oxygen. By J. P. Cooke and T. W. Richards. *Ibid.* 149–176. *plate* 1, *cuts*. Also *Am. Chem. Journ.* March, 1888; x. 81–110.

Further investigation on the atomic weight of copper. By T. W. Richards. *Ibid.* 187–181. Also *Am. Chem. Journ.* May, 1888; x. 187–191.

Additional note on the relative values of the atomic weights of hydrogen and oxygen. By J. P. Cooke and T. W. Richards. *Ibid.* 182-187. Also *Am. Chem. Journ.* May, 1888: x. 191-196.

On substituted pyromucic acids. Second paper. By H. B. Hill and A. W. Palmer. *Ibid.* 188-222. Also *Am. Chem. Journ.* Sept. 1888: x. 373-391.

A determination of the relation of the atomic weights of copper and silver. By T. W. Richards. *Am. Chem. Journ.* June, 1888: x. 182-187.

Contributions from the Cryptogamic Laboratory of the Museum of Comparative Zoölogy.

The apical cell of *Fucus*. By W. McM. Woodworth. *Annals of Botany*, Feb. 1888: i. 203-211. *plate.* Also separately. pp. 9. *plate* 1.

Contributions from the Physiological Laboratory of the Harvard Medical School.

The experimental value of the Dowse splint. By E. G. Brackett, M.D. *Boston Med. Surg. Journ.* 6 Oct. 1887: cxvii. 321-325.

An experimental investigation of strychnine poisoning. By R. W. Lovett, M.D. *Journal of Physiology*, Aug. 1888: ix. 99.

COLLEGE PAPERS, etc.

The daily *Crimson*. Vol. xii, xiii. September 29, 1887—June 22, 1888.

The *Harvard Advocate*. Vol. xlv., xlv. Oct. 15, 1887—June 22, 1888. *Fortnightly*.

The *Harvard Lampoon*. Second series. Vol. xiv., xv. October 21, 1887—June 20, 1888. *Fortnightly*.

The *Harvard Monthly*. Vol. v., vi. October, 1887—June, 1888.

The *Harvard Law review*. Vol. i. no. 3-8; ii. 1, 2. October, 1887—May, 1888.

Published monthly during the academic year by Harvard law students.

Contents: — i. 3. (Oct. 1887.) A brief survey of equity jurisprudence. ii. C. C. Langdell. — "Trusts." F. J. Stimson. — 4. (Nov. 1887.) What is the test of a regulation of foreign or interstate commerce? L. M. Greeley. — Subsequent payments under resulting trusts. C. E. Grinnell. — *Chandeler v. Lopus*. R. C. McMurtrie. — 5. (Dec. 1887.) Recovery of money paid under mistake of fact. W. A. Keener. — *Osborn v. the Bank of the United States*. D. H. Chamberlain. — Privy of contract. J. W. Ljilienthal. The responsibilities of American lawyers. A. L. Lowell. — 6. (Jan. 1888.) Conflict of laws as applied to assignments for creditors. J. Lowell. — Criticisms upon Henry George, reviewed from the standpoint of justice. S. B. Clarke. — 7. (Feb. 1888.) The anarchists' case before the Supreme Court of the United States. W. H. Dunbar. — A creditor's right to his surety's securities. W. Williams. — 8. (March, 1888.) A brief survey of equity jurisprudence. iii. C. C. Langdell. — The nature of a policy of insurance with regard to its assignment. C. G. Parker. — ii. 1. (April, 1888.) The history of assumpsit. i. J. B. Ames. — The principle of *Lumley v. Gye*, and its application. W. Schofield. — The right to follow trust property when confused with other property. S. Williston. — 2. (May, 1888.) The history of assumpsit. ii. J. B. Ames. — The limits of sovereignty. A. L. Lowell.

Each number also contains reports of Moot Court cases, lecture notes, summaries of recent cases, etc.

The *Harvard Index* for 1887-88. A university directory. Complete athletic, baseball, foot-ball and boating records and lists of the officers and members of the college societies. Boston. 1887. 12°. pp. 200, (4).

Edited by C. H. Moore and D. C. Torrey. The *Index* for 1886-87 was edited by G. P. Knapp. Cambridge. 1887. pp. 222.

CLASS DAY EXERCISES.

Class of 1888. Baccalaureate sermon, Baccalaureate hymn, Class day oration, Class poem, ode, Class song. Cambridge. 1888. 8°. pp. 29, (4).

Sermon: The sovereignty of service, by Francis G. Peabody. — Oration, by H. Page. — Poem, by C. T. Sempers. — Ode, by S. H. Sanford, jr. — Song, words by H. H. Furness, jr., music by B. Carpenter.

CLASS REPORTS, etc.

1837. Memorials of the Class of 1837 of Harvard University. Prepared for the fiftieth anniversary of their graduation, by the class secretary, Henry Williams. Boston. 1887. 8°. pp. 147.

1858. Report of the Class of 1858 of Harvard College. Prepared for the thirtieth anniversary of its graduation. Boston. 1888. 8°. pp. 124.

The class secretary is J. C. Davis.

1862. The sixth report of the secretary of the Class of 1862 of Harvard College, being the first report of the present secretary, June, 1887, and continued to June, 1888. Boston. 1888. 8°. pp. 22.

The class secretary is C. E. Grinnell.

1863. Report of the secretary of the Class of 1863 of Harvard College, June, 1863, to June, 1888. Cambridge. 1888. 8°. pp. 256, (1), *plates* 8.

The class secretary is A. Lincoln.

1868. Secretary's report. No. 5. 1888. 8°. pp. 44.

The class secretary is A. D. Chandler.

1869. The sixth triennial report of the secretary of the Class of 1869 of Harvard College. Seventh report. December 31, 1887. Boston. 1888. 8°. pp. 101.

The class secretary is T. P. Beal.

1870. The fifth report of the secretary of the Class of 1870 of Harvard College. Cambridge. 1888. 8°. pp. 80.

The class secretary is T. B. Ticknor.

1873. The fifth triennial report of the secretary of the Class of 1873 of Harvard College. Commencement, 1888. Boston. 1888. 8°. pp. 48. *Extra sheet*: Verses for class dinner, June 26, 1888. By Robert Grant.

The class secretary is A. L. Ware.

1881. Third report of the secretary of the Class of 1881 of Harvard College, July, 1881—September, 1887. Boston. [1887.] 8°. pp. 160, *plates* 5.

The present report contains an article entitled "The University during the past six years," by W. C. Lane.

The class secretary is C. R. Sanger.

1887. Secretary's report. No. 1. Cambridge. 1887. 8°. pp. 122, (1).

The class secretary is G. P. Furber.

Poem, oration, and address delivered at the '89 Junior Class dinner, Parker House, March 7, 1888. sq. 12°. pp. 22.

COLLEGE SOCIETIES.

The working of the American democracy. An address delivered before the fraternity ΦΒΚ of Harvard University, June 28, 1888. By Charles W. Eliot. Cambridge. 1888. 8°. pp. 24.

Catalogue of the Porcellian club of Harvard University. Instituted in 1791. Cambridge. 1887. 8°. pp. 250.

Pages 89-250 contain the catalogue of the library of the club.

PUBLICATIONS OF THE OFFICERS.

* * For the purpose of completing the record, a few articles omitted from former lists are inserted here.

Francis Ellingwood Abbot.

Instructor in Philosophy.

1. The future of philosophy at Harvard. *Harvard Monthly*, Nov. 1887: v. 43-49.

Alexander Agassiz.

Curator of the Museum of Comparative Zoölogy.

1. A contribution to American thalassography. Three cruises of the United States Coast and Geodetic Survey steamer "Blake" in the gulf of Mexico, in the Caribbean sea, and along the Atlantic coast of the United States, from 1877 to 1880. 2 vols. Boston. Houghton, Mifflin & Co. 1888. 8°. pp. xxii. 314, 220, maps, plates, cuts.

Also issued as vols. xiv. xv. of the *Bulletin of the Museum of Comparative Zoölogy*.

2. Report as Curator of the Museum of Comparative Zoölogy at Harvard College, 1886-1887. Cambridge. 1887.
3. Edited the Memoirs and the Bulletin of the Museum of Comparative Zoölogy. See Official publications: Museum of Comparative Zoölogy.
4. Sundry reviews and notices in the *American Journal of Science*, and *Nation*.

Frederic De Forrest Allen.

Professor of Classical Philology.

1. On Greek versification in inscriptions. *Papers of the American School of Classical Studies at Athens* (Boston), 1888: iv. no. 3, pp. 35-204.

James Barr Ames.

Bussey Professor of Law.

1. The history of assumpsit. *Harvard Law Review*, April, May, 1888: ii. 1-19, 53-69.

Eugene Howard Babbitt.

Instructor in German.

1. An introduction to German at sight. Boston. D. C. Heath & Co. 1888. 12°. pp. 30.

William Henry Baker.

Professor of Gynaecology.

1. Diseases of the urethra and bladder. *American System of Gynaecology*. Vol. ii. Philadelphia. Lea Bros. & Co. 1888. 8°.

Clarence John Blake.

Professor of Otology.

1. Two cases illustrating the effects of pressure from polypi in the middle ear. *Boston Med. and Surg. Journ.* 16 Feb. 1888: cxviii. 161-162. Also in *Annales des Maladies de l'Oreille* (Paris).
2. Relation of adenoid growths in the nasopharynx to the production of middle ear disease in children. *Ibid.* 15 Mar. 1888: cxviii. 268-270. Also in *Annales des Maladies de l'Oreille* (Paris).
3. Aural polypus snare. [Boston. 1888.] pp. (2), cut.

Frank Bolles.

Secretary of the University.

1. A collection of important English statutes, showing the principal changes in the law of property, &c. 3d ed. Cambridge. Waterman & Amee. 1888. 1. 8°. pp. 189.
2. Editorial articles in the *Boston Post, Advertiser, Journal*, &c., mainly on topics connected with the University.

Henry Pickering Bowditch.

Professor of Physiology: Dean of the Medical Faculty.

1. The reinforcement and inhibition of the knee-jerk. *Boston Med. and Surg. Journ.* 31 May. 1888: cxviii. 542, 543, illustr.

Charles Albert Brackett.

Professor of Dental Pathology and Therapeutics.

1. The relations of medicine and dentistry. A paper read before the New England Dental Society at its annual meeting in Boston, 6 Oct. 1887. *Proceedings of the Twenty-fifth Annual Meeting of the New England Dental Society*. Boston. 1887. 8°.

Elliott Gray Brackett.

Assistant in Materia Medica and Therapeutics.

1. The experimental value of the Dowse splint. *Boston Med. and Surg. Journ.* 6 Oct. 1887: cxvii. 21-25, illustr.
2. The healthfulness of oleomargarine as an article of food. *19th report of the Mass. State Board of Health*. Boston. 1888. pp. 248-289, plate 1, (no. 6).

Edward Hickling Bradford.*Instructor in Surgery.*

- 1-6. In the *Boston Medical and Surgical Journal*:
1, 2. Report on progress in orthopedic surgery. With R. M. Lovett, M.D. 24 Nov. 1887; cxvii. 503; 24 May, 7 June, 1888; cxviii. 519, 566. With bibliography. — 3. The treatment of inflammations in the neighborhood of the coccum. 19 Jan. 1888; cxviii. 93-95. — 4. Cases of open incision in wry neck, contracted knee, and talipes varus. 22 Mar. 1888; cxviii. 285, 286. — 5. The treatment of lateral curvature. 3 May. 1888; cxviii. 445-449; *illustr.* — 6. Two cases of incision into the hip-joint, with observations as to "distraction" in hip-disease. 16 Aug. 1888; cxix. 147, 148.
7. On immediate reduction of the subluxated tibia in chronic disease of the knee-joint. *Trans. International Medical Congress*, vol. iii.

William Brewster.*Assistant in Ornithology at the Museum of Comparative Zoology.*

- 1-5. In *The Auk*, of which Mr. Brewster is an associate editor: — 1. Descriptions of supposed new birds from Lower California, Sonora and Chihuahua, Mexico, and the Bahamas. Jan. 1888; v. 82-95. — 2. The prairie horned lark on the coast of Massachusetts. Jan. 1888; v. 111-112. — 3. On three apparently new subspecies of Mexican birds. April, 1888; v. 136-139. — 4. Notes on the birds of Fort Klamath, Oregon. By Dr. J. C. Merrill, U.S.A. With remarks on certain species by William Brewster. April, July, 1888; v. 139-146, 251-262. (Continued in Oct. 1888.) — 5. *Quiscalus quiscula aglaus* at Charleston, S. C. April, 1888; v. 208.
6. An unusual nest of the parula warbler. *Ornithologist and Oölogist*. Mar. 1888; xiii. 46, 47; *plate* 1.
7. Nest and eggs of the mountain solitary vireo. *Ibid.* Aug. 1888; xiii. 113.

Le Baron Russell Briggs.*Assistant Professor of English.*

1. The Harvard admission examinations in English. *The Academy* (Syracuse, N. Y.), Sept. 1888; iii. 345-361.

Phillips Brooks.*Preacher to the University.*

- 1-3. Addresses to Harvard students, given in Appleton Chapel. *Harvard respers*. Boston. 1888.

Besides earlier addresses this volume contains the following for the year 1887-1888: —

1. Making all things new. 5 Jan. 1888. — 2. Fishers of men. 9 Feb. 1888. — 3. Judgments of life. 8 March, 1888.
4. Our duty to the prisoner. *Christian Register*, 26 July, 1888; lxvii. 476.

A sermon preached in Trinity Church, Boston, before the National Prison Association, 15 July, 1888.

Herbert Leslie Burrell.*Demonstrator of bandaging and apparatus.*

- 1-4. In the *Boston Medical and Surgical Journal*:
1. Report on progress in surgery. With H. W. Cushing. 20, 27 Oct. 1887; cxvii. 379, 403. — 2. Report on progress in surgery. With H. W. Cushing. 29 Mar., 5, 12 April, 1888; cxviii. 315, 350, 372. — 3. The re-implantation of a trephine button. 29 Mar. 1888; cxviii. 313. — 4. Report on progress in surgery. With H. W. Cushing. 13, 20 Sept. 1888; cxix. 246, 283.

Arthur Tracy Cabot.*Clinical Instructor in Genito-urinary Surgery.*

- 1-3. In the *Boston Medical and Surgical Journal*:
1. Notes on complications met with in cases of strangulated hernia. 29 Mar. 1888; cxviii. 309-312. — 2. Case of a vesical and urethral calculus. 12 April, 1888; cxviii. 375, 376. — 3. Cases of laparotomy for tubercular peritonitis. 9 Aug. 1888; cxix. 121-123.

Lucien Carr.*Assistant Curator of the Peabody Museum of American Archaeology and Ethnology.*

1. Missouri: a bone of contention. Boston. Houghton, Mifflin & Co. 1888. 16^p. x. 371, *map*.

Appeared in the series of state histories called *American Commonwealths*.

Winfield Scott Chaplin.*Professor of Engineering, and Dean of the Scientific Faculty.*

1. Report of the committee appointed to consider the subject of college athletics, etc. Cambridge. 1888. With J. W. White and A. B. Hart.

Full title on p. 4.

David William Cheever.*Professor of Surgery.*

1. An essay on "Shock," read before the American Surgical Association in Washington, 20 Sept. 1888. Boston. Cupples & Hurd. 1888. 12^p. pp. 12.

Francis James Child.*Professor of English.*

1. The English and Scottish popular ballads. Part v. Boston. 1888. 4^p. pp. (6), 1-254 (vol. iii.).

Arthur Messinger Comey.*Assistant in Chemistry.*

1. Silicotetrafluorides of certain bases. With F. W. Smith. *Proc. Am. Acad.* xxiii. 122.
2. Ueber zinkoxyd-natron. With C. L. Jackson. *Ber. d. deutsch. chem. Gesellsch.* xxi. 1589.
3. On sodie zincates. With C. L. Jackson. *Proc. Am. Acad.* xxiv. 14.

Josiah Parsons Cooke.

*Erving Professor of Chemistry and Mineralogy;
Director of the Chemical Laboratory.*

1. The relative values of the atomic weights of hydrogen and oxygen. With T. W. Richards. *Proc. Am. Acad.* xxiii. 149-176, plate 1, cuts. Also *Am. Chem. Journ.* Mar. 1888; x. 81-110.
2. Additional note on the relative values of the atomic weights of hydrogen and oxygen. *Ibid.* 182-187. Also *ibid.* May, 1888; x. 191-196.
3. The credentials of science the warrant of faith. New York. Carter. 1888. 8°. pp. x. (2), 324.

Francis Henry Davenport.

Assistant in Gynaecology.

1. Uterine displacements and their influence on the general nervous system. *Boston Med. and Surg. Journ.* 23 Aug. 1888; cxix. 172-176.
- 2, 3. Semi-annual report on the progress of gynaecology. *Ibid.* 26 Jan. 1888; cxviii. 95-97.—9 Aug. 1888; cxix. 128-131.

William Morris Davis.

Assistant Professor of Physical Geography.

- 1, 2. In the *American Meteorological Journal*:
1. Local weather predictions. Jan. 1888; iv. 409-412. — 2. A classification of the winds. Mar. 1888; iv. 512-519.

Frank Winthrop Draper.

Assistant Professor of Legal Medicine.

1. Recent progress in legal medicine. *Boston Med. and Surg. Journ.* 1 Mar. 1888; cxviii. 219-222.
2. Some of the obstetrical and legal relations of infanticide. *Ibid.* 5, 12 Jan. 1888; cxviii. 7-11, 36-38.
3. Article on legal medicine contributed to the *Annual of the Universal Medical Sciences*. Philadelphia. 1888; v. 128.

Charles Franklin Dunbar.

Professor of Political Economy.

1. Notes on early banking schemes. *Quart. Journ. of Economics*, July, 1888; ii. 482-490.
2. Professor Dunbar has edited the *Quart. Journ. of Economics* from the beginning.

Thomas Dwight.

Parkman Professor of Anatomy.

1. Muscular abnormalities. *Journ. of Anat. and Physiol.* Oct. 1887; xxii. 96.
2. Science or bumblepuppy? *Am. Catholic Quart. Rev.* Oct. 1887; xii. 636-646.

3. The attack on freedom of education in Massachusetts. *Ibid.* July, 1888; xiii. 545-554.
- 4-7. In the *Boston Medical and Surgical Journal*:
4. Recent progress in anatomy. 3 Nov. 1887; cxvii. 430-434. — 5. The bones of the leg considered as one apparatus. A lecture delivered at the Harvard Medical School, 14 Nov. 1887. 22 Dec. 1887; cxvii. 593-596; *illustr.* (Also reprinted: Boston. Cupples & Hurd. 1888. pp. 18). — 6. Recent progress in anatomy. 3 May, 1888; cxviii. 451-453. — 7. Demonstration of a model of frozen sections of an arm, with remarks upon this method of teaching anatomy. A paper read at the annual meeting of the Mass. Med. Soc. 12 June, 1888. 13 Sept. 1888; cxix. 245, 246.

Charles William Eliot.

President of the University.

1. The working of the American democracy. An address before the Fraternity Φ B K of Harvard University, 28 June, 1888. Cambridge. 1888. 8°. pp. 24.
2. Annual report of the President and Treasurer. 1886-87. Cambridge. 1888. 8°.
3. Can school programmes be condensed and enriched? *Atlantic Monthly*. Aug. 1888; lxii. 250-258.

This was a paper read before the National Association of Superintendents in session at Washington, 16 Feb. 1888. It was printed in an abbreviated form in the *Atlantic*, and in full, with tables, in the *Report of the Commissioner of Education for 1886-87*. Wash. 1888. pp. 1005-1014.

Ephraim Emerton.

Winn Professor of Ecclesiastical History.

1. An introduction to the study of mediæval history. Boston. Ginn & Co. 1888. 12°. pp. xviii. 268.

Charles Carroll Everett.

Bussey Professor of Theology; Dean of the Divinity School.

1. The ultimate facts of ethics. *Unitarian Review*, Dec. 1887; xxviii. 477-500.
Reprinted in the volume "Poetry, comedy, and duty," quoted below.
2. Martineau's "Study of religion." *Ibid.* June, 1888; xxix. 485-508.
3. Sympathy: a sermon. *The Unitarian*, Feb. 1888; iii. 49-54.
4. Rhetorical pessimism. *Forum*, Sept. 1888; vi. 74-80.
5. Poetry, comedy, and duty. Boston. Houghton, Mifflin & Co. 8°. pp. iv. 315.

Contents: — The imagination. — The philosophy of poetry. — The poetic aspect of nature. — The tragic forces in life and literature. — The philosophy of the comic. — The ultimate facts of ethics. — The new ethics. — Poetry, comedy, and duty considered in their relation to one another.

William Gilson Farlow.

Professor of Cryptogamic Botany.

1. A provisional host-index of the fungi of the United States. With A. B. Seymour. Part I. Cambridge. Aug. 1888. 4°. pp. 51.

2. A supplemental list of works on North American fungi. Cambridge. 1888. pp. 9.
Bibliographical contributions of Harvard University Library. No. 31. (Supplement to No. 25.)

3. Memoir of Edward Tuckerman. 1817-1886. Washington. 1887. 8°. pp. 14.

Read before the National Academy, April, 1887. A bibliography of Professor Tuckerman's botanical works is added.

4. Asa Gray. *Botanical Gazette*, Mar. 1888; xiii. 49-52.

Professor Farlow also contributed a notice of Professor Gray to the *Proceedings of the American Academy*.

5. Siphoptychium Casparyi, Rostk. *Journal of Mycology*, Aug. 1888; iv. 82.
6. Professor Farlow is co-editor of the *Annals of Botany* (Oxford), and has contributed to the *Garden and Forest*.

Walter Faxon.

Assistant in Zoölogy at the Museum of Comparative Zoölogy.

1. Notes on the summer birds of Holderness, Bethlehem, and Franconia, N. H. With J. A. Allen. *Auk*, April, 1888; v. 149-155.
- 2, 3. Bibliographies compiled for the *Riverside Natural History*: 2. A few standard works relating to the animal kingdom as a whole. (i. 381-384). — 3. Some of the more important publications on the Arthropoda (except Insecta) (ii. 549-559).

The *Riverside Natural History* (Boston. Houghton, Mifflin & Co. 1888. 6 vols.) is a reissue of the *Standard Natural History* edited by J. S. Kingsley (Boston. Cassino. 1885), with the addition of Bibliographies.

Jesse Walter Fewkes.

Assistant in charge of Invertebrates at the Museum of Comparative Zoölogy, and of the Newport Marine Laboratory.

1. On certain medusae from New England. *Bull. Mus. Comp. Zool.* Feb. 1888; xiii. no. 7, pp. 209-240, plates 6.
2. On the development of the calcareous plates of Asterias. *Ibid.* July, 1888; xvii. no. 1, pp. 1-56, plates 5.
3. A new mode of life among medusae. *Proc. Boston Soc. Nat. Hist.* vol. xxiii. pt. 3 (Feb. 1886-Dec. 1887), pp. 389-395.
4. A hydroid parasitic on a fish. *Nature*, 27 Oct. 1887; xxxvi. 604, 605.
5. Are there deep-sea medusae? *Am. Journ. Sci.* Feb. 1888; 3d ser. xxxv. 166-179.
6. On a new physophore, Plocoplysa, and its relationships to other siphonophores. *Ann. Mag. Nat. Hist.* May, 1888.
7. Seaside study on the coast of California. *Am. Naturalist*, Jan. 1888; xxii. 33-44.
8. The sucker on the fin of Pterotrachea. *Zoologischer Anzeiger*, vol. xi. no. 271.
9. On the origin of the present form of the Bermudas. *Proc. Boston Soc. Nat. Hist.* vol. xxiii. pt. 4 (Dec. 1887-May, 1888), pp. 518-522.
10. Final report on the invertebrata of the Lady Franklin Bay Expedition. Contains reports on Medusae, Echinodermata, Vermes, &c. (Privately distributed.)

11. List of some of the important publications on Coelenterata (Hydrozoa, Actinozoa, Coral Islands) and Echinodermata for the *Riverside Nat. Hist.* 1888 (i. 393-401).

12. On a new parasite of Amphiuira. *Proc. Boston Soc. Nat. Hist.* vol. xxiv. pp. 31-34.

13. A troublesome parasite of a brittle-star. *Nature*, 19 Jan. 1888; xxxvii. 274.

14. On arctic characters of the surface fauna of the Bay of Fundy, and the connection with a theory of the distribution of floating marine life. *Am. Naturalist*, July, 1888.

15. A new marine larva and its affinities. *Microscope*, June, 1888.

16. Dr. Fewkes has also edited the last part of vol. xxiii. *Proc. Boston Soc. Nat. Hist.*

Thomas Fillebrown.

Professor of Operative Dentistry.

1. Discussion of a paper on management of pulpless teeth. *Trans. Internat. Med. Congress*, 9th session. Washington. 1887. Vol. v. pp. 478.

Theodore Willis Fisher.

Lecturer on Mental Diseases.

1. Forty-ninth report of the Boston Lunatic Hospital for the year 1887. Boston. Rockwell & Churchill. 1888. 8°. pp. 55.
2. Paranoia in relation to hallucinations of hearing, with two cases of medico-legal interest. 8°. pp. 14. Reprinted from the *Am. Journ. of Insanity* (Utica, N. Y.). July, 1888.
3. Monomania and its modern equivalents. *Trans. Internat. Med. Congress*, 9th session. Washington. 1887. Vol. v. pp. 261-291.

Reginald Heber Fitz.

Shattuck Professor of Pathological Anatomy.

1. The origin of typhoid fever in hospitals and the means suggested for its prevention. *Boston Med. and Surg. Journ.* 24 May, 1888; cxviii. 513-516.
2. The relation of perforating inflammation of the vermiform appendix to perityphlitic abscess. *New York Med. Journ.* 1888; xlviii. 505.

Harold North Fowler.

Instructor in Greek and Greek Archaeology.

1. Thucydides, book v.; edited on the basis of Classen's edition. Boston. Ginn & Co. 1888.
In the College Series of Greek Authors, edited under the supervision of John Williams White and Thomas D. Seymour.
2. Summaries of periodicals in every number of the *American Journal of Archaeology*.

Kuno Francke.

Assistant Professor of German.

1. A review of Tuttle's "History of Prussia under Frederick the Great. *Polit. Sci. Quart.* June, 1888; iii. 382, 383.

2. The parliamentary experiment in Germany. *Papers of the Am. Hist. Assoc.* 1888: iii. no. 1, pp. 133.

This is a reprint of the pamphlet quoted in the List of Publications for 1886-87.

William Whitworth Gannett.

Instructor in Pathology and Clinical Instructor in Auscultation.

1. Pathological report. *Report of the Mass. Gen. Hospital.* 1887.

William Francis Ganong.

Assistant in Botany.

1. List of some of the important publications on Protozoa and on Poriferata. Bibliographies to accompany the *Riverside Natural History*. 1888. (i. 385-392.)
2. Jacques Cartier's first voyage. *Trans. Royal Soc. Canada*. Vol. v. (1887), section ii. pp. 121-136. *map*. Montreal. 1888. 4°.

Reprinted in abstract in *Educational Review*, Aug. 1888; iii. 45-46.

3. The echinodermata of New Brunswick. *Bull. Nat. Hist. Soc. New Brunswick*. June, 1888, no. 7. pp. 12-68. *plate* 1.
4. List of the writings of Dr. Asa Gray. *Am. Journ. Science*. Sept. 1888; 3d series, xxxvi. Appendix. pp. 68.

Prepared by Professor G. L. Goodale and Dr. S. Watson; a great part of the collection and revision of references was done by Mr. Ganong.

George Minot Garland.

Instructor in Clinical Medicine.

1. Gelsemium sempervirens. *Bost. Med. and Surg. Journ.* 13 Sept. 1888; cxix. 243-245.

Samuel Garman.

Assistant in Herpetology and Ichthyology at the Museum of Comparative Zoölogy.

- 1, 2. In the *Proceedings of the American Philo-sophical Society*. July-Dec. 1887:—1. On the reptiles and batrachians of Grand Cayman, 273-277. — 2. On West Indian reptiles in the Museum of Comparative Zoölogy at Cambridge, Mass. 278-286.
- 3-5. For the *Riverside Natural History* (vol. iii. 469-477):—3. List of important publications on the Tunicata. — 4. List of important publications on the Fishes. — 5. List of important publications on the Reptilia and Batrachia.
6. The rattle of the rattlesnake. *Bull. Mus. Comp. Zoöl.* Aug. 1888; xiii. no. 10. pp. 259-268, *plates* 2.
- 7-10. In the *Bulletin of the Essex Institute*:—7. Reptiles and batrachians from Texas and Mexico. xix. 119-138. — 8. Reptiles and batrachians from the Caymans and the Bahamas. xx. — 9. *Rhinomuraena quaesita*. An eel from the Marshall Islands. xx. — 10. An Andean medal. xx. 57-60.

George Lincoln Goodale.

Fisher Professor of Natural History; Director of the Botanic Garden.

1. Syllabus of a course of twelve lectures delivered before the Lowell Institute. Boston. March-April, 1888. Cambridge. Privately printed. pp. 24.
2. Address at the semi-centennial celebration at the University of Michigan. 3d June, 1888. *Semi-centennial celebration of the organization of the University of Michigan*. Ann Arbor. 1888. pp. 191.
- 3-7. In *American Journal of Science*. 3d series:—3. Respiratory organs in plants. March, 1888: xxxv. 258. — 4. On a combination of auxanometer and clinostat. *Ibid.* 258. — 5. Recent contributions to our knowledge of the vegetable cell. April, May, 1888: xxxv. 341. 419. — 6. Recent advances in vegetable histology. June, July, 1888: xxxv. 503, xxxvi. 75. — 7. Notices of recent contributions to vegetable physiology. Aug. 1888; xxxvi. 158.
8. List of the writings of Dr. Asa Gray. *Am. Journ. Sci.* Sept. 1888; 3d series, xxxvi. Appendix. 8° pp. 68.

Prepared by Professor Goodale and Dr. S. Watson, with the assistance of Professors Farlow and C. S. Sargent, and Mr. Ganong. The index was compiled by Mr. Seymour.

William Watson Goodwin.

Eliot Professor of Greek Literature.

1. Edited *Papers of the American School of Classical Studies at Athens*, vols. ii.-iv., as chairman of the Publication Committee of the School, in connection with Thomas A. Ludlow, Secretary, for ii. and iii. and Thomas A. Ludlow and Frederic D. Allen for iv.

George Angier Gordon.

Preacher to the University.

- 1-3. Addresses to Harvard students given in Appleton Chapel. *Harvard vespers*. Boston. 1888.

Besides earlier addresses, this volume includes the following for the year 1887-1888:—

1. Moral heroism. 12 Jan. 1888. — 2. Seek and ye shall find. 16 Feb. 1888. — 3. Remembering God. 15 Mar. 1888.

Charles Hall Grandgent.

Tutor in Modern Languages.

1. Italian grammar. Boston. Heath & Co. 1887. 16°. pp. viii. 124.
2. A review of "Frédéric Ozanam, sa vie et ses œuvres" by Pierre Chauveau. *Modern Language Notes*. Jan. 1888; iii. 39-41.
3. Phonetic compensations. With E. S. Sheldon. *Ibid.* June, 1888; iii. 354-374.

***Asa Gray.**

Fisher Professor of Natural History. 1842-1888; Director of the Herbarium. 1883-1888.

1. Contributions to American botany. Notes upon some polypetalous genera and orders: Rutaceae. Vitaceae. *Proc. Am. Acad.* xxiii. 223-227.
2. Synoptical flora of North America: The Gamopetalae, being a second edition of vol. i. part 2, and vol. ii. part 1, collected. New York, etc. Jan., 1886. Published by the Smithsonian Institution as *Smithsonian Miscellaneous Collections*, xxxi. Washington. 1888. 8°. pp. 480, 494.
3. Capitalization of botanical names. *Am. Florist*, ii. 294.
4. Coptis, section Chrysocoptis. *Bot. Gaz.* xii. 296, 297.
5. Annotations [*Nelumbo lutea* and *Nemacaulis*]. *Bull. Torrey Bot. Club*, xiv. 228, 229.
6. Botanical nomenclature. *Britten's Journ.* of *Bot.* xxv. 353-355.
7. New and rare plants. *Bot. Gaz.* xiii. 73.
8. Botanical notices. *Am. Journ. Sci.* Oct. 1887.
9. Botanical necrology for 1887. *Ibid.* 3d series, xxxv. 260-263.

In memoriam. Asa Gray. Cambridge. 1888. 8°. *Contents*: — A sermon in memory of Asa Gray, by Alexander McKenzie, preached in Appleton Chapel, Harvard College, Feb. 12, 1888; order of funeral exercises in Appleton Chapel, Feb. 2, 1888; selections; remarks by Rev. A. McKenzie; hymn; an address at the college vesper service on the day of the funeral of Asa Gray, by Rev. F. G. Peabody.

Charles Montraville Green.

Instructor in Obstetrics.

- 1-4. In the *Boston Medical and Surgical Journal*: 1. The treatment of occipito-posterior positions. 19 April, 1888: cxviii. 396. — 2. A fatal case of pulmonary blood-embolism occurring during labor with twins. 8 Mar. 1888: cxviii. 243. — 3. Semi-annual reports on progress in obstetrics. 23 Feb., 12 July, 1888: cxviii. 195: cxix. 31. — 4. Dr. Green has also contributed reviews of obstetrical works, occasional editorials, and monthly reports of the proceedings of the Obstetrical Society of Boston.

John Orne Green.

Clinical Professor of Otolology.

1. Remarks upon a case of objective tinnitus aurium. *Boston Med. and Surg. Journ.* 2 Feb. 1888: cxviii. 124.
2. A case of abscess of the cerebellum from ear-disease. *Ibid.* 31 May. 1888: cxviii. 546-548.

Hermann August Hagen.

Professor of Entomology.

- 1, 2. In *Verhandlungen k. k. Zool. Botan. Gesellsch.* (Vienna), 1887, ix: — 1. Ueber Neurobasis and Vestalis. pp. 647, 648. — 2. Ueber Plethrus cursitans Hag. pp. 643, 644, plate 1.

3. Unsere gegenwärtige Kenntniss der Ephe-meren. *Stettiner Entomolog. Zeitung*, 1888; xlix. 1-12.

4. New hemerobidae. *Proc. Boston Soc. Nat. Hist.* 1888, xxiii. 565, 566.

- 5, 6. In *Entomologica Americana*: — 5. An unknown or forgotten illustration of North American sphingidae. 1887: iii. 173-175. — 6. On the genus *Sympetrum* Newm. 1888; iv. 31-34.

- 7-9. In the *Canadian Entomologist*: — 7. Stray notes on myrmeleonidae. iii. (*Maracondia*). 1887: xix. 209-217. — 8. Stray notes on myrmeleonidae. iv. (*Brychynemurus* Hag.) 1888: xx. 34-38, 72-74, 93-97. — 9. Stray notes on myrmeleonidae. v. (*Dendroleon* and *Myrmecoleon*). 1888: 185-191, 204-211.

10. The pioneer painter of North American insects. (Marc Catesby.) *Psyche*, 1888: v. 134, 135.

Edward Everett Hale.

Preacher to the University.

1. Life of George Washington, studied anew. New York. Putnam. 1888. 8°. pp. xix. 392, *illustr.*
2. How they lived in Hampton: a study of practical Christianity applied in the manufacture of woollens. 1888. Boston. Smith. 8°. pp. vi. 281.
3. My friend the boss, a story of to-day. Boston. Smith. 1888. 16°. pp. v. 191.
4. Mr. Tangier's vacations: a novel. Boston. Roberts Bros. 1888. 16°. pp. iii. 303.
5. Tom Torrey's tariff talks. Boston. Smith. 12°. 1888. pp. 58.
6. Red and white. Boston. Smith. 1888. pp. 41.
7. Franklin in France, from original documents, most of which are now published for the first time. With E. E. Hale, jr. Part ii. The treaty of peace and Franklin's life till his return. Boston. Roberts Bros. 1888. 1. 8°. pp. xiii. 470, *port.*
8. Naval history of the American revolution. *The narrative and critical history of America*. Ed. Justin Winsor. Vol. vi. Boston. Houghton, Mifflin & Co. 1888. (Chap. vii. pp. 563-588.)
9. Reminiscences of Thomas Starr King. *Unitarian Review*, April. 1888; xxix. 308-319.
10. James Freeman Clarke. *Ibid.* July. 1888; xxx.
11. Some reminiscences of authors. *Harper's Bazar*, May, 1888.
12. Shot through the head. *Harper's New Monthly Magazine*, Dec. 1887.
13. General Glover's story. *Independent*, 15 Dec. 1887.
14. Boston Common. *Wide Awake*, July, Aug., Sept. 1888.
15. The congestion of cities. *Forum*, Jan. 1888.
16. The boy Washington. *Sunshine*.
17. Christmas. *Ibid.* Dec. 1888.
18. The name America. *Critic*, 12 May. 1888: xii. 227.
19. Ben Franklin as Junius Brutus. *Harvard Monthly*, May, 1888; vi. 91-94.

20. Count Tolstoi's confession. *Lend a Hand*, Sept. 1887.
 21. Address at the centennial celebration at Marietta, Ohio, April, 1888. *Ohio Arch. and Hist. Quarterly*, June, 1888: ii. 94-98.
 22. The wealth in common. *Lend a Hand*, June, 1888.
 23. How to serve the commonwealth. Address at the Alpha Delta Phi meeting at New York, 3 May, 1888. *Critic*, 19 May, 1888: xii. 240-242.
 - 24, 25. Addresses to Harvard students, given in Appleton Chapel, Cambridge. *Harvard responders*. Boston. Ellis. 1888.
- Besides earlier addresses, this volume contains the following for the year 1887-88:—
24. The parable of the pounds. 22 Feb. 1888.—25. Enlargement of life. 22 Mar. 1888.
26. Naval battles of the revolution. *Chatanqua Herald*, Aug. 1888.
 27. Edited: The Arabian nights. [Classics for Children.] Boston. Ginn & Co. 1888. pp. x. 366.
 28. Edited: *Lend a Hand*, a journal of organized charity and good citizenship (Boston, Smith), writing the leading article each month.

Edwin Herbert Hall.

Assistant Professor of Physics.

1. Experiments on the effect of magnetic force on the equipotential lines of an electric current. *Am. Journ. Science*, Aug. 1888; 3d series, xxxvi. pp. 131-146.

This article was completed in the October number of the *American Journal of Science*.

2. Descriptive list of experiments, etc. With H. Whiting. 2d ed. Cambridge. 1888. See p. 4.

Charles Harrington.

Instructor in Hygiene and Assistant in Chemistry.

- 1-4. In the *Boston Medical and Surgical Journal*:
1. The value of wall-paper guarantees. 1 Mar. 1888; cxviii. 215, 216.—2. The value of so-called diabetic foods. 22 Mar. 1888; cxviii. 286-288.—3. Proper and improper methods of disinfection. 24 May, 1888; cxviii. 516-519.—4. An epidemic of typhoid fever due to infected milk. 19 July, 1888; cxix. 49-52.

Nos. 2 and 3 were also issued separately.

5. Report on the analysis of milk. *19th Annual Report of the State Board of Health*. Boston. 1888. pp. 167-180.

Albert Bushnell Hart.

Assistant Professor of History.

1. Topical outline of the course in constitutional and political history of the United States given at Harvard College in the academic year 1887-88. Part I. (1783-1829); Part II. (1829-1861). Cambridge. 1887-88. pp. 266.
2. The work of students in courses in the history of the United States—History 13, 17, and 20d. To be given at Harvard College in the academic year 1887-88. Cambridge. 1887. pp. 42.

3. History in high and preparatory schools. Syracuse, N. Y. Geo. A. Bacon. 1887. pp. 22.

Reprinted from the *Academy* (Syracuse, N. Y.), Sept., Oct. 1887.

4. Massachusetts Society for Promoting Good Citizenship. Report of the Committee upon Courses of Reading and Study on works on civil government. [1 July, 1888.] Report of the Committee upon Courses of Reading and Study at the annual meeting, 28 May, 1888. Boston. Published by the Society. 1888. pp. 24. With Davis R. Dewey and others.

5. Harvard College. Report of the Committee appointed to consider the subject of college athletics, etc. With J. W. White and W. S. Chaplin. Cambridge. 1888.

Full title on p. 4.

6. A list of general readings in the history of the United States. *Academy* (Syracuse, N. Y.), Nov. 1887; ii. 367-371.
7. American statesmen: Patrick Henry. By Moses Coit Tyler [Review]. *Polit. Sci. Quarterly*, Dec. 1887; ii. 688-690.
8. Preparation for citizenship. i. At Harvard College. *Education*, June, 1888; viii. 630-638.
9. The biography of a river and harbor bill. *Papers of the Am. Hist. Assoc.* iii. New York. Putnam's. 1888. (pp. 180-196.)

A reprint, with revision, of the paper described in the Fourth List of Publications of Harvard College and its Officers.

10. A vindication of Dr. Von Holst. *Nation*, 5 April, 1888; xli. 280.

Henry Barker Hill.

Professor of Chemistry.

1. Notiz über die Furfuracrylsäure. *Ber. d. deutsch. chem. Gesellsch.* Dec. 1887; xx. (no. 18), 3359.
2. On sulphopyromucic acids. With Arthur W. Palmer. *Proc. Am. Acad.* March, 1888; xxiii. 188-222. Also *Am. Chem. Journ.* Sept. 1888; x. 373-391. (Continued in Nov.)

William Barker Hills.

Assistant Professor of Chemistry.

1. Poisoning by silver. *Reference Hand-book of the Medical Sciences*, Ed. A. H. Buck, M.D. New York. William Wood & Co. 1888. Vol. vi. pp. 450.
2. Report on medical chemistry. *Boston Med. and Surg. Journ.* 10 Nov. 1887; cxvii. 453; 19 April, 1888; cxviii. 392.
3. Reviews of chemical works in the same journal.
4. The value of corrosive sublimate as a practical disinfectant. *Medical Communications of the Mass. Med. Soc.* vol. xiv. no. ii. 1888. pp. 305-316. Also, *Boston Med. and Surg. Journ.* 23 Aug. 1888; cxix. 169-172.

Read at the annual meeting of the Massachusetts Medical Society, 13 June, 1888.

Richard Hochdörfer.*Instructor in German.*

1. Gustav Freytag's "Die Journalisten": edited, with an introduction and notes, by Richard Hochdörfer. Boston. Schönhof. 1887.

Oliver Wendell Holmes.*Parkman Professor of Anatomy, Emeritus.*

1. Before the curfew and other poems, chiefly occasional. Boston. Houghton, Mifflin & Co. 1888. 16°. pp. vi. 109, (1).
2. Over the tea cups. *Atlantic Monthly*, March. 1888; lxi. 323-328.

John Homans.*Clinical Instructor in the Diagnosis and Treatment of Ovarian Tumors.*

- 1-5. In the *Boston Medical and Surgical Journal*:
1. Dermoid cyst of the ovary. 8 March, 1888; cxviii. 252. — 2. Laparotomy for tubercular peritonitis. 29 March, 1888; cxviii. 329. — 3. A cancerous tongue. 12 April, 1888; cxviii. 378. — 4. Nephrectomy of the right kidney. 3 May, 1888; cxviii. 453, 454. — 5. Ovariectomy (successful) in a patient aged 82 years and 4 months. *Ibid.* pp. 454, 455.

Oliver Whipple Huntington.*Instructor in Mineralogy and Chemistry.*

1. Catalogue of all recorded meteorites, with a description of the specimens in the Harvard College collection, including the cabinet of the late J. Lawrence Smith. *Proc. Am. Acad.* xxiii. 37-110, plates 5.

Alpheus Hyatt.*Assistant in Palaeontology at the Museum of Comparative Zoölogy.*

- 1-4. In the *Proceedings of the Boston Society of Natural History*, 1888: — 1. Values in classification of the stages of growth and decline, with propositions for a new nomenclature. xxiii. 396-407. (See also *Science*, xi. no. 260.) — 2. Sketch of the life and services to science of Professor Spencer F. Baird. xxiii. 558-565. — 3. Report on the museum of the Boston Society of Natural History. xxix. 1-11. — 4. Evolution of faunas in the lower lias. xxiv. 17-31.
5. Introduction to "Three Kingdoms: a handbook of the Agassiz Association." 1888. (pp. vii.-x.)

Charles Loring Jackson.*Professor of Chemistry.*

1. On tribromtrinitrobenzol. With J. F. Wing. *Proc. Am. Acad.* xiii. 138-148; *Am. Chem. Journ.* x. 283-294.

2. Action of fluoride of silicon on organic bases. With A. M. Comey. *Proc. Am. Acad.* xxiii. 20-36. Also *Am. Chem. Journ.* x. 165-181.
- 3-7. In *Berichte der deutschen chemischen Gesellschaft*: — 3. Ueber Zinkoxyd-Natron. With A. M. Comey. xxi. 1589. — 4. Zur Kenntniss des Pentamidobenzols. With A. W. Palmer. xxi. 1706. — 5. Ueber ein Additionsproduct von Tribromdinitrobenzol und Tetrabromdinitrobenzol. With George Dunning Moore. xxi. 1707. — 6. Ueber Anilintrisulfosäure. With G. T. Hartshorn. xxi. 2032. — 7. Ueber die Einwirkung von Natriummalonsäureester auf Tribromdinitrobenzol. With W. S. Robinson. xxi. 2034.

William James.*Professor of Philosophy.*

1. The perception of space. Pt. iv. *Mind*, Oct. 1887; xii. 516-548.
2. Reaction-time in the hypnotic state. *Proc. Am. Soc. Psychological Research*, Dec. 1887; i. 246-248.
3. The consciousness of lost limbs. *Ibid.* pp. 249-258.
4. What the will effects. *Scribner's Mag.* Feb. 1888; iii. 240-250.

William Albert Keener.*Story Professor of Law.*

1. A selection of cases on the law of quasi-contracts. Vol. i. Cambridge. Sever. 1888. 8°. pp. 541.
- Vol. ii., completing work, is expected to appear in Feb. 1889.
2. Recovery of money paid under mistake of fact. *Harvard Law Review*, 15 Dec. 1887; i. 211-222.

Frederick Irving Knight.*Clinical Professor of Laryngology.*

1. On the selection of a climate for patients with pulmonary tuberculosis. *Boston Med. and Surg. Journ.* 5 April, 1888; cxviii. 343-346.

William Coolidge Lane.*Assistant Librarian of Harvard University.*

1. The Carlyle collection. — A catalogue of books on Oliver Cromwell and Frederick the Great, bequeathed by Thomas Carlyle to Harvard College library. *Harv. Univ. Bull.* Jan. 1883, iii. 53-56; Oct. 1887, Jan. 1888, v. 67-72, 107-116. Separately as *Bibliographical contribution*, no. 26. pp. 22. *Portr.*
2. Index to recent reference lists. No. iii. 1887. *Harv. Univ. Bull.* Jan. 1888, v. 136-144. Separately as *Bibliographical contribution*, no. 29.
3. The Dante collections of the Harvard College and Boston Public Libraries. Continued. *Harv. Univ. Bull.* Oct. 1887, Jan., May. 1888, v. 35, 117, 202.

4. Dante bibliography for the year 1887. *Seventh Ann. Rept. Dante Society*, pp. 21-35.
5. The university during the past six years (1881-1887). *Third report of the secretary of the class of 1881 of Harvard College*. Boston, 1887. pp. 112-132. plates 4. Also reprinted separately.
6. Edited the Harvard University catalogue. 1887-88. Cambridge. 1887.
7. Edited the Directory of the officers and students of Harvard University. Oct. 1887. Cambridge. 1887.

Christopher Columbus Langdell.

Dane Professor of Law, and Dean of the Law Faculty.

1. A brief survey of equity jurisdiction. ii. iii. *Harv. Law Rev.* Oct. 1887. March, 1888: i. 111-131, 355-387.

James Lawrence Laughlin.

Assistant Professor of Political Economy.

1. Wages and the tariff. *National revenues*. Ed. A. Shaw. Chicago. 1888. pp. 176-188.

Daniel David Lee.

Instructor in Anatomy and in Operative Veterinary Surgery.

1. Carbunculus in horses. *Journ. Comp. Med. and Surg.* (Philadelphia), Oct. 1887: pp. 363.
2. The Harvard veterinary school. *Ibid.* April, 1888: pp. 171.

The article on "Dislocation of the eye-ball in dogs," quoted in the Fourth List of Publications, was reprinted in the *Archives of Veterinary Science*, published by the Medical Department of the University of the Interior, St. Petersburg, Nov. 1887; ii. 205.

Joseph Lovering.

Hollis Professor of Mathematics and Natural Philosophy, 1838-1888; Emeritus, 1888—.
Director of the Jefferson Physical Laboratory, 1884-1888.

1. Report for 1886-87 as Director of the Jefferson Physical Laboratory. *Annual Report of the President and Treasurer, 1886-87*. Cambridge. 1888. pp. 132-139.
2. Notice of Gustav Robert Kirchhoff. *Proc. Am. Acad.* xxiii. 370-375.

James Russell Lowell.

Smith Professor of the French and Spanish Languages and Literatures, and Professor of Belles-Lettres, Emeritus.

1. Heartsease and rue. Boston, etc. Houghton, Mifflin & Co. 1888. 16°. pp. viii. 218.

2. Political essays. Boston, etc. Houghton, Mifflin & Co. 1888. 8°. pp. 326.

*Contents:—*The American tract society. (1858.)—The election in November. (1860.)—E pluribus unum. (1861.)—The Pickens-and-steadin' rebellion. (1861.)—General McClellan's report. (1864.)—The rebellion: its causes and consequences. (1864.)—McClellan or Lincoln? (1864.)—Reconstruction. (1865.)—Scotch the snake or kill it? (1865.)—The president on the stump. (1866.)—The Seward-Johnson reaction. (1866.)—The place of the independent in politics. (1888.)

3. The secret: a poem. *Atlantic Mo.* Jan. 1888: lxi. 95.
4. Endymion: a poem. *Ibid.* Feb. 1888: lxi. 261.

Also printed in *Heartsease and rue*, quoted above.

5. Some letters of W. S. Lander. *Century*. Feb. 1888: xxxv. 511-521.
6. Turner's Old Téméraire. *Atlantic Mo.* April, 1888: lxi. 482.
7. Professor Lowell has also contributed book reviews to the *Nation*.

David Gordon Lyon.

Hollis Professor of Divinity.

1. Babylonian tablets: a collection lately acquired by Harvard University. *Christ. Reg.* 10 Nov. 1887: lxi. 707. Also, *Proc. Am. Orient. Soc.* Oct. 1887: xxxii.
2. Assyriology and the Old Testament. *Unit. Rev.* Dec. 1887: xxviii. 543-551.
3. Notice of Schodde's "The Book of Jubilees." *Bibliotheca Sacra*, July. 1888: xlv. 542.

Alexander McKenzie.

Preacher to the University.

1. Some things abroad. Boston. D. Lothrop & Co. 1887. 8°. pp. 474.
2. A sermon in memory of Asa Gray. Preached in Appleton Chapel. Feb. 12, 1888. *In memoriam: Asa Gray*. Cambridge. Wilson. 1888. 8°. pp. 9-30.

Also printed in the *Cambridge Tribune*, 18 Feb. 1888.

- 3-5. Addresses to Harvard students, given in Appleton Chapel. *Harvard vespers*. Boston. Roberts. 1888.

Besides earlier addresses, this volume contains the following, for the year 1887-88:—

3. A life of purpose. (22 Dec. 1887.)—4. God is a spirit. (26 Jan. 1888.)—5. The Master's guest-chamber. (29 March, 1888.) Also in *Christian Register*.
- 6, 7. Two addresses in *College students at North-field*. New York, etc. Revell. 1888.
6. The Gospel in Genesis: "In the Beginning."—7. The Christian life: "Repeating the life of Christ."

Silas Marcus Macvane.

McLean Professor of Ancient and Modern History.

1. The theory of business profits. *Quart. Journ. Economics*. Oct. 1887: ii. 1-36.
2. Business profits and wages: a rejoinder. *Ibid.* July. 1888: ii. 453-468.

Horatio Cook Meriam.*Instructor in Operative Dentistry.*

1. Footprints of a profession: or, Ethics in materials and methods. Address delivered before the Maine Dental Society, at their twenty-second annual meeting, held in Waterville, July 19 and 20, 1887. Second edition, revised and enlarged. St. Louis, Mo. 1888. 8°. pp. 3.

This address was originally published in *Archives of Dentistry* (St. Louis), Nov., Dec. 1887.

Francis Minot.*Hersey Professor of the Theory and Practice of Physic.*

1. Cases of diabetic coma, with remarks. *Boston Med. and Surg. Journ.* 19 Jan. 1888; cxviii. 69.

Samuel Jason Mixter.*Demonstrator of Anatomy.*

- 1, 2. In the *Boston Medical and Surgical Journal*:
 1. A case of tumor of the breast. 6 Oct. 1887; cxvii. 328, 329. — 2. Strangulated inguinal hernia. 29 March, 1888; cxviii. 313.

Charles Herbert Moore.*Instructor in Drawing and the Principles of Design.*

1. Memoir of the late John W. Hill. New York. 1888. f°. pp. 10.
- With etchings and other illustrations by John Henry Hill.

Otis Kimball Newell.*Assistant Demonstrator of Anatomy.*

1. The best surgical dressing: How to prepare it and how to use it. With a consideration of Beach's principle of bullet wound treatment. Boston. 1888. 16°.
- 2-4. In the *Boston Medical and Surgical Journal*:
 2. The endoscopic instruments of Joseph Leiter of Vienna, and the present development of endoscopy. 1 Dec. 1887; cxvii. 528-530, *illustr.* — 3. A new principle in the surgery of the bladder. 10 May. 1888; cxviii. 465-470, *illustr.* — 4. The use of Hebra's continual bath or water bed in surgery. 17 May, 1888; cxviii. 491, 492, *illustr.*

John Knowles Paine.*Professor of Music.*

1. Song of promise, for solo soprano, chorus and orchestra. Words by George Edward Woodberry. Composed by John Knowles Paine for the Cincinnati musical festival of May, 1888. Cincinnati. Church. 1888. 1. 8°. pp. 97.

George Howard Parker.*Assistant in Zoölogy.*

1. Report of the biologist in 19th *Ann. Rep. of the State Board of Health of Mass.* pp. 89-94. 1888.
2. A preliminary account of the development and histology of the eyes in the lobster. *Proc. Am. Acad.* 1888; xxiv. 24, 25.

Andrew Preston Peabody.*Preacher to the University, and Plummer Professor of Christian Morals, Emeritus.*

1. Harvard reminiscences. Boston. Ticknor & Co. 1888. 12°. pp. vi. 217.

Contains sketches of sixty-nine college officers whose names appeared in the catalogues during Dr. Peabody's connection with the college as undergraduate, theological student, and tutor. (1824-1833.) A chapter is added on "Harvard college sixty years ago."

2. A memorial address on the late Marshall Pinckney Wilder, president of the New England Historic Genealogical Society. Boston. 1888.
3. Address on the seventieth anniversary of the formation of the South Parish Sunday School in Portsmouth, N. H. Portsmouth. 1888.
4. Cazneau Palfrey. *Unit. Rev.* May, 1888; xxix. 434-440.
5. Boston mobs before the revolution. *Atlantic Mo.* Sept. 1888; lxii. 321-333.
6. Style. *Harvard Mo.* March, 1888; vi. 1-6.
- 7-9. Biographical notices of Laurens Perseus Hickock, Mark Hopkins, and Samuel Gilman Brown. *Proc. Am. Acad.* 1888; xxiii.
10. The eye of God. *Harvard vespers.* Boston. 1888. pp. 146-152.

An address delivered to Harvard students in Appleton Chapel, 19 Jan. 1888.

Francis Greenwood Peabody.*Plummer Professor of Christian Morals.*

- 1-3. Addresses to Harvard students, given in Appleton Chapel. *Harvard vespers.* Boston. 1888.

Besides several earlier addresses, this volume contains the following for the year 1887-88: —
 1. Nicodemus. (1 Dec. 1887.) — 2. The simplicity which is in Christ. (2 Feb. 1888.) Reprinted in: *In memoriam. Asa Gray.* Cambridge. 1888. — 3. Coming to one's self. (1 March, 1888.)

4. The philosophy of the social questions. *Andover Rev.* Dec. 1887; viii. 561-573.
5. The parable of the vacuum. *Unity Pulpit* (Boston), March, 1888.
6. Sermon at the dedication of the new church of the First Parish. Weston, 28 March, 1888. *First Parish, Weston, Services,* etc. 1888.
7. Religion in a university. *Harvard Mo.* May, 1888; vi. 85-90.
8. The sovereignty of service. Baccalaureate sermon, June, 1888. *Class of 1888: Baccalaureate sermon,* etc. Cambridge. 1888.

James Mills Peirce.

*Perkins Professor of Astronomy and Mathematics,
and Secretary of the Academic Council.*

1. An outline of the elements of plane analytic geometry for the use of students in Mathematics C, 1887-88. Cambridge, March, 1888. 8°. pp. 68.

Edward Charles Pickering.

*Paine Professor of Practical Astronomy, and
Director of the Observatory.*

1. Edited Annals of the Astronomical Observatory of Harvard College. xiii. 6. xviii. 3-6. Cambridge. 1887-88. 4°. See p.^o 6.
2. Forty-second annual report of the Director of the Astronomical Observatory. Cambridge. 1887. 8°. pp. 12.
3. Henry Draper memorial. Second annual report of the photographic study of stellar spectra conducted at the Harvard College Observatory, Edward C. Pickering, Director. Cambridge. 1888. 4°. pp. 7. plates 2.

Reprinted in *Nature*, xxxviii. 306; and in *Memorie della Società degli Spettroscopisti Italiani*.

4. Boyden fund. Circular no. 3. 4°. 1887.
5. Zone observations. *Annals of the Astronomical Observatory*, xiii. no. 2. pp. (6), 211-359.
- 6, 7. In *Nature*: — 6. A new form of construction of object glasses intended for stellar photography. 13 Oct. 1887; xxxvi. 562. — 7. The new photographic objective. 12 April, 1888; xxxvii. 558.
8. Pritchard's wedge photometer. By S. P. Langley, C. A. Young, and E. C. Pickering. *Mem. Am. Acad.* xi. (Centennial volume), part 5, no. 6. Cambridge. 1887. pp. 301-324.

William Henry Pickering.

Assistant in the Astronomical Observatory.

1. Total eclipse of the sun, 29 Aug. 1886. *Annals of the Astronomical Observatory*, xviii. no. 5. pp. 85-111. plates 4.
2. The new dark room of the Harvard Observatory. *Photographic Times*, 24 Feb. 1888; xviii. 85-87, cuts.
3. Mr. Pickering has also contributed to the *Photographic Times*, *Anthony's Bulletin*, and *Science*.

Charles Burnham Porter.

Professor of Clinical Surgery.

1. Fracture of the sternum, with dislocation of fragments; restoration to place by treatment by position; recovery. *Boston Med. and Surg. Journ.* 12 April, 1888; cxviii. 368.
2. Five cases of perineal section with exceptional complications. *Ibid.* 16 Aug. 1888; cxix. 148.

Abner Post.

Clinical Instructor in Syphilis.

- 1, 2. In the *Boston Medical and Surgical Journal*:
1. Report on genito-urinary surgery. 17 Nov. 1887; cxvii. 477-479. — 2. Cases illustrating the late manifestations of congenital syphilis. 24 Nov. 1887; cxvii. 493-497.

William Henry Potter.

Demonstrator of Operative Dentistry, 1887.

1. The teeth: their anatomy, physiology, and pathology; their extraction. *Reference Handbook of Med. Sci.* vol. vi. Philadelphia. Wood. 1887. Also separately.
- Omitted from the List for 1886-87.

Henry Preble.

Assistant Professor of Greek and Latin.

1. A grammar of the Latin language for the use of schools and colleges. By E. A. Andrews and S. Stoddard. Revised by Henry Preble. Boston, etc. Houghton, Mifflin & Co. [1888.] 8°. pp. xii. 453.

Frederick Ward Putnam.

*Peabody Professor of American Archaeology and
Ethnology, and Curator of the Peabody Museum
of American Archaeology and Ethnology.*

1. The Serpent mound of Adams county, Ohio, and its preservation by the Peabody Museum of American Archaeology and Ethnology. *Proc. Am. Assoc. Adv. Sci.* 1887; xxxvi. Also separately.
2. Palaeolithic man in Eastern and Central North America. *Proc. Boston Soc. Nat. Hist.* 1888; xxiii. 421-424, 447-449. Also separately printed, with papers by others on the same subject.
3. Notice of the death of Miss C. A. Studley, formerly an assistant in the Peabody Museum. *Ibid.* 1888; xxiii. 19. Also separately.
4. Ancient Ohio mounds. *Mag. West. Hist.* Jan. 1888; vii. 275-282; maps.

Abstract of a lecture delivered before the Western Reserve Historical Society of Cleveland, O., 25 Oct. 1887. Reported by G. F. Wright.

5. Twenty-first annual report of the Trustees of the Peabody Museum of American Archaeology and Ethnology, presented to the President and Fellows of Harvard College, 31 Oct. 1887. pp. 19.
6. As permanent secretary of the Association, edited the Proceedings of the American Association for the Advancement of Science. xxxvi. 1887. pp. 466.
7. Twenty-second annual report of the Commissioners on Inland Fisheries for 1887. (Conjointly with other commissioners.) Boston. 1888. *Mass. Pub. Doc.* 1887, no. 25. pp. 69.

James Jackson Putnam.*Instructor in the Diseases of the Nervous System.*

1. A case of sarcoma involving the intra-pelvic nerves. *Trans. Am. Neurological Assoc.* (In the *Journ. Nerv. and Mental Diseases*, Sept. and Oct. 1887; n. s. xii. 601.)
2. Case of sarcomatous tumor of the brain. *Ibid.* Aug. 1887.
3. Case of hyperostosis cranii. *Ibid.* Aug. 1887.
4. Lead poisoning as a cause of muscular incoordination. *Boston Med. and Surg. Journ.* 22 Dec. 1887; cxvii. 597-601.
5. Motor paralysis, and other symptoms of poisoning from medicinal doses of arsenic. *Ibid.* 28 June, 5 July, 1888; cxviii. 646-649. cxix. 1-4.

Edward Reynolds.*Assistant in Obstetrics.*

- 1-3. In the *Boston Medical and Surgical Journal*:
 1. A case of stricture of the rectum treated by incision. 26 Jan. 1888; cxviii. 97, 98.
 2. On axis-traction forceps: the principles of their construction, and their value in practice, with a description of a new model. 17 May, 1888; cxviii. 489-491.
 3. A case of labor with threatening symptoms. 12 July, 1888; cxix. 30, 31.

Maurice Howe Richardson.*Assistant Professor of Anatomy.*

1. A case of nephrorraphy for movable kidney.
Reprinted from *Boston Medical and Surgical Journal*, 14 June, 1888; cxviii. 593.
2. Operations on nerves. Cases of nerve suture, nerve section, nerve stretching, and operation to relieve pressure upon nerve trunks.
Reprinted from *Boston Medical and Surgical Journal*, 9 Feb. 1888; cxviii. 139-143.
- 3-5. In the *Boston Medical and Surgical Journal*:
 3. The treatment of inflammations in the region of the ileo-coecal valve. 26 Jan. 1888; cxviii. 88-92.
 4. A case of sarcoma of the tonsil removed by external incision: recovery. 23 Feb. 1888; cxviii. 197, 198.
 5. Observations on the surgical treatment of malignant growths. 30 Aug., 6 Sept. 1888; cxix. 193-196, 223-226.

William Lambert Richardson.*Professor of Obstetrics.*

1. Progress in obstetrics. *Annual of the Universal Med. Sciences*, 1888; iv. 185.

John Ritchie, Jr.*Assistant in the Observatory in charge of the Distribution of Astronomical Information.*

1. Composed, edited, and published *Science Observer special circulars*, nos. 80-82. Boston. 8°.
Contents: 1888. 80. Elements and ephemeris of comet a, 1885 (S. C. Chandler), discovery of asteroid Charlois (272).

1 March. — 81. Discovery of comet *b*, Encke; discovery, elements, and ephemeris of comet *c*, Brooks (Lewis Boss); discovery of comet *d*, Faye. 18 Aug. — 82. Discovery, positions, elements, and ephemeris of comet *e*, Barnard (Schaeberle, Lewis Boss); note with reference to the new Science Observer Code. 12 Sept.

2. Science Observer international circulars, nos. 25-26. Berlin, Germany. 8°.

Contents: 1888. 25. Elements and ephemeris of comet c, Brooks (Lewis Boss). 18 Aug. — 26. Elements and ephemeris of comet e, Barnard (Schaeberle). 11 Sept.

3. Announcement with reference to the Astronomical Code (Science Observer Code). *Astron. Journ.* vii. 89.
4. Science Observer Code. *Boston Scientific Soc. Occasional Publications*, no. 1. Boston. 1888. pp. 244. 4°. Compiled part I^a, *The number code*, pp. 204; computed part III^a, *Tables*, pp. 4. Together with S. C. Chandler, Jr., wrote part I^a, *Explanation of the number code*, pp. 12; and part II^a, *The phrase code*, pp. 18.
5. Announcement as to the new Science Observer Code. *Astron. Journ.* viii. 102.

Abbott Lawrence Rotch.*Assistant in Meteorology.*

1. American Meteorological Journal. A monthly review of meteorology, medical climatology, and geography. Ann Arbor, Mich. M. W. Harrington and A. Lawrence Rotch, editors.
- 2-7. In the *American Meteorological Journal*, 1888: — 2. The organization of the meteorological service in some of the principal countries of Europe: Austria. June; v. 49. Switzerland. Aug.; v. 154. Russia. Oct. v. 241. — 3. The Austrian meteorological station on the Sonnblick. May; v. 13. — 4. The new Swiss meteorological observatory on the Sentsis. July; v. 99. — 5. Recent changes in the signal observations and indications. Sept.; v. 224. — 6. Meteorology at the Cincinnati exposition. Oct.; v. 278. — 7. Closing of the stations on Pike's Peak and Mt. Washington. *Ibid.* 284.

Thomas Morgan Rotch.*Assistant Professor in the Diseases of Children.*

1. Report on diseases of children. *Boston Med. and Surg. Journ.* 8 Dec. 1887; cxvii. 551.
2. The artificial feeding of infants. 29 Sept. 1887; cxvii. 305-308.

Josiah Royce.*Assistant Professor of Philosophy.*

1. Report of the chairman of the committee on "Phantasms and presentiments" of the American Society for Psychical Research. *Proc. Am. Soc. Psychical Research*, i. 223.

Charles Sprague Sargent.

Arnold Professor of Arboriculture, and Director of the Arnold Arboretum.

1. Garden and Forest. A journal of horticulture, landscape art, and forestry. Conducted by C. S. Sargent. New York. 1888. f°. *Illustr.*

Published weekly; first number, 29 Feb. 1888. Professor Sargent has written largely for the *Garden and Forest*.

Dudley Allen Sargent.

Assistant Professor of Physical Training, and Director of the Hemenway Gymnasium.

1. The physical characteristics of the athlete. *Scribner's Mag.* Nov. 1887; ii. 541-561, *illustr.*
2. Anthropometric apparatus, with directions for measuring and testing the principal physical characteristics of the human body. Cambridge. 1887. 4°.

George William Sawin.

Instructor in Mathematics.

1. Assisted in the preparation of Wentworth's *College Algebra*. Boston. Ginn & Co. 1889. 8°. pp. 494.

William Schofield.

Instructor in Roman Law and Torts.

1. The principle of Lumley v. Gye and its application. *Harv. Law Rev.* April, 1888; ii. 19-27.

Arthur Searle.

Phillips Professor of Astronomy.

1. The apparent instability of the stars near the horizon (Sternschwanken). *Astron. Nachrichten*, cxx. 109.

Arthur Bliss Seymour.

Assistant in the Cryptogamic Herbarium.

1. Character of the injuries produced by parasitic fungi upon their host-plants. *Am. Naturalist*, Dec. 1887; 1114-1117.

A paper read before the American Association for the Advancement of Science (Section F), Aug. 1887.

2. A provisional host-index of the fungi of the United States. With W. G. Farlow. Pt. i. Cambridge. 1888. 4°. pp. 51.

Mr. Seymour prepared the index to the list of Professor Gray's works prepared by Professor Goodale and Dr. Watson, and published as an appendix to *Am. Journ. Sci.* Sept. 1888.

Nathaniel Southgate Shaler.

Professor of Geology.

- 1-3. In *Scribner's Magazine*: — 1. Caverns and cavern life. Oct. 1887; ii. 449-472, *illustr.* — 2. Volcanoes. Feb. 1888; iii. 201-226, *illustr.* — 3. Rivers and valleys. Aug. 1888; iv. 131-135, *illustr.*

4. Origin of the divisions between the layers of stratified rocks. (Published by permission of the Director of the U. S. Geological Survey.) *Proc. Boston Soc. Nat. Hist.* 7 Dec. 1887; xxxiii. 408-419.

5. Animal agency in soil making. *Pop. Sci. Mo.* Feb. 1888; xxxii. 484-487.

6. On the study of nature. *Pop. Sci. News and Boston Journ. of Chem.* March, April. 1888; xxii. 34, 39.

7. The law of fashion. *Atlantic Mo.* March, 1888; lxi. 386-398.

8. The erenitic hypothesis and mountain building. *Science*, 15 June. 1888; xi. 280-281.

9. Annual report of the Commissioners of the State Topographic Survey for 1887. With F. A. Walker and H. L. Whiting. *Mass. Pub. Doc.* 115. 1888. pp. 33.

10. Executive report of the Atlantic Coast Division of the U. S. Geological Survey. *Rept. of the Director [J. S. Powell] of the U. S. Geol. Sur.* 1888.

11. Professor Shaler has contributed articles to *America* (Chicago), and book-reviews to the *Atlantic Monthly*, *Nation*, etc.

12. Dzieje ziemi, czyli Początki geologii. Przełożył z angielskiego z upoważnienia autora Henryk Wernic. Przejrzeli i dopełnili dopiskami Antoni Słóarski i Józef Siemi-radzki. Warsaw. 1888. sm. 8°. pp. viii. 301. xv.. (1).

A translation of "A first book in geology." Boston. 1884.

Frederick Cheever Shattuck.

Professor of Clinical Medicine.

1. Report on progress in thoracic disease. *Boston Med. and Surg. Journ.* 8 March, 6 Sept. 1888; cxviii. 244-246, cxix. 226-229.

George Brune Shattuck.

Instructor in Clinical Medicine.

1. Multiple neuritis: Cases. *Boston Med. and Surg. Journ.* 1 Dec. 1887; cxvii. 523-528.
2. Three cases of "hereditary" locomotor ataxia (Friedreich's disease). *Ibid.* 16 Feb. 1888; cxviii. 168, 169.

Edward Stevens Sheldon.

Assistant Professor of Romance Philology.

1. Phonetic compensations. With C. H. Grandgent. *Modern Language Notes*. June, 1888; iii. 177.

Daniel Denison Slade.

Lecturer on Comparative Osteology.

1. On certain vacuities or deficiencies in the crania of mammals. *Bull. Mus. Comp. Zool.* March, 1888; xiii. no. 8, pp. 241-246, *plates* 2.
2. Notes on the boundaries of the four bones comprising the occipital segment of the mammalian cranium. *Science*, 4 May, 1888; xi. 218.
3. The wild turkey in Massachusetts. *Auk*, April, 1888; v. 204, 205.

Clement Lawrence Smith.

Professor of Latin, and Dean of the College Faculty.

1. Report of the Dean of the College Faculty. *Annual Reports of the President and Treasurer of Harvard College.* 1886-87. pp. 33-76.

Freeman Snow.

Instructor in International Law.

1. A review of the fisheries question. *Forum*, Dec. 1887; iv. 343-356.

Charles Pratt Strong.

Assistant in Gynaecology.

1. Six cases of uterine displacements treated by shortening of the round ligaments, with remote results. *Boston Med. and Surg. Journ.* 16 Feb. 1888; cxviii. 166-168.

Frédéric César Sumichrast.

Instructor in French.

1. L'Abbé Constantin. By L. Halévy. With English notes. New York. 1888. sm. 8°. pp. 203.
2. Les frères Colombe. By G. de Peyrebrune. With English notes. New York. 1888. 12°. pp. 144.
3. Le gendre de M. Poirier. By Augier and Sandeau. With English notes. New York. 1888. 8°. pp. 111.

Frank William Taussig.

Assistant Professor of Political Economy.

1. The tariff history of the United States: a series of essays. New York, etc. Putnam's Sons. 1888. 8°. pp. 269.
2. The postal service. *Century*, July, 1888; xxxvi. 475-476.
3. Materials toward the elucidation of the economic conditions affecting the precious metals and the question of standards. By Adolf Soetheer. 2d revised edition. Translated by F. W. Taussig.

U. S. Senate Executive Docs. 50th Congress, 1st session. No. 34. pp. 57-286.

4. The early protective movement and the tariff of 1828. *Polit. Sci. Quart.* March, 1888; iii. 17-45.
- 5-8. In the *Quarterly Journal of Economics*: — 5. Workmen's insurance in Germany: translation and résumé, with introduction and notes. Oct. 1887; ii. 111-134. — 6. A suggested re-arrangement of economic study. Jan. 1888; ii. 228-232. — 7. The tariff, 1830-1860. April, 1888; ii. 314-346. — 8. Various unsigned notes and memoranda.

James Bradley Thayer.

Professor of Law.

1. The Dawes bill and the Indians. *Atlantic Mo.* March, 1888; lxi. 315-322.
2. Address on Legislation for the Indians, delivered at the sixth annual meeting of the Lake Mohonk conference of friends of the Indian, 27 Sept. 1888. *Proc. sixth annual meeting*, etc. 1888. pp. 42-48.
3. Address on Temperance legislation. *Boston Post*, 25 Oct. 1887.
4. Address as President of the annual Unitarian festival at Boston. *Ibid.* 1 June, 1888.
5. Address at the dedication of Channing Chapel at Winter Harbor, Me. *Christian Register*, 13 Sept. 1888.
6. Various legal contributions to the *Nation*.

Joseph Henry Thayer.

Bussey Professor of New Testament Criticism and Interpretation.

1. A review of Dr. John A. Broadus's Commentary on the Gospel of Matthew. *Andover Review*, Nov. 1887; viii. 550-553.
2. Recent New Testament criticism. *Unit. Review*, Dec. 1887; xxviii. 532-542.
Summary of an address delivered before the "Ministers' Institute," Princeton, Mass., with extracts from the same.
3. Translation from the French of a lecture by M. Samuel Berger, of the Faculty of Protestant Theology in Paris, on the History of the Vulgate in France. *Ibid.* Feb. 1888; ix. 187-196.

Roland Thaxter.

Assistant in Biology.

1. The entomophthoecae of the United States. *Mem. Boston Soc. Nat. Hist.* April, 1888; iv. no. 6. pp. 133-201. plates 14-21. 4°.

William Hopkins Tillinghast.

Assistant Librarian, and Editor of the Quinquennial Catalogue.

1. Fourth list of the publications of Harvard University and its officers, with the chief publications on the University. 1886-87. Cambridge. 1888. pp. 34.
Bibliographical contributions of Harvard College Library, no. 28.
- 2, 3. Necrology of Harvard graduates in each number of the *Harvard University Bulletin*. Necrology for 1887-88, *Boston Daily Advertiser, Post, Journal*, etc. 27 June, 1888.

Charles Wendell Townsend.

Assistant in Obstetrics.

1. The therapeutic value of malt. *Boston Med. and Surg. Journ.* 13 Oct. 1887; cxvii. 353-355.

2. Endemic cerebro-spinal meningitis. *Ibid.* 19 July. 1888: cxix. 52-57, *diagrams*.
3. Incontinence of urine in children. *Archives of Pediatrics*, Dec. 1887; iv. 744.

Crawford Howell Toy.

Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Institutions.

1. Modern Biblical criticism. Boston. American Unitarian Association. 1887. 16^o. pp. 20.

Reprinted from the *Unitarian Review*, Oct. 1887: xxviii. 354-359.

John Trowbridge.

Rumford Professor and Lecturer on the Application of Science to the Useful Arts, and Director of the Jefferson Physical Laboratory.

1. Wave lengths of metallic spectra in the ultra violet. With W. C. Sabine. *Proc. Am. Acad.* 1887-88.
2. Selective absorption of metals for ultra violet light. With W. C. Sabine. *Ibid.* 1887-88. Contributions from the Jefferson Physical Laboratory.
3. Physical notices in *American Journal of Science* as joint editor. 1887-88.

Herman Frank Vickery.

Assistant in Clinical Medicine.

1. Pulmonary tuberculosis as a sequel to ordinary pleurisy with effusion. *Boston Med. and Surg. Journ.* 1 Dec. 1887; cxvii. 521-523.
2. Appendicitis, with report of cases. *Ibid.* 12 Jan. 1888; cxviii. 39, 40.

Oliver Fairfield Wadsworth.

Clinical Instructor in Ophthalmoscopy.

- 1-3. In *Trans. Am. Ophthalmological Soc.* vol. iv. part 3: — 1. A case of recurrent paralysis of the motor oculi. pp. 460. (Also *Boston Med. and Surg. Journ.* 24 Nov. 1887; cxvii. 498-591.) — 2. A case of congenital, zonular, grayish-white opacity around the fovea. pp. 572. — 3. Detachment of the retina in both eyes with albuminuria of pregnancy: replacement of retina. pp. 574. (Also *Boston Med. and Surg. Journ.* 5 Jan. 1888; cxviii. 11-13.)

George Lincoln Walton.

Clinical Instructor in Diseases of the Nervous System.

1. The katalytic action of electricity; its practical value in rheumatic affections. *Boston Med. and Surg. Journ.* 2 Aug. 1888; cxix. 101-103.
2. Railway spine. *Reference Hand-book of the Medical Sciences.* vol. vi. Philadelphia. Wood. 1888. pp. 143.

Duren James Henderson Ward.

Librarian of the Divinity School.

1. How religion arises: A psychological study. Boston. 1888. 8^o. pp. 74.
2. The Musée Guimet and a new method in the study of religion. *Christ. Register*, 9 Feb. 1888.
3. A museum of religions. *Christ. Union*, Jan. 1888.

Joseph Weatherhead Warren.

Instructor in Physiology.

1. The effect of alcohol on the reaction time, with a description of a new chronoscope. *Journ. Physiol.* Dec. 1887; viii. 311-348. *illustr.*

Sereno Watson.

Curator of the Herbarium.

1. Contributions to American botany: — i. Some new species of plants of the United States, with revisions of *Lesquerella* (Vesicaria) and of the North American species of *Draba*. — ii. Some new species of Mexican plants, chiefly of Mr. C. G. Pringle's collection in the mountains of Chihuahua in 1887. — iii. Descriptions of some plants of Guatemala. *Proc. Am. Acad.* May, 1888: xxiii. 249-287. Also issued separately as "Contributions to American Botany. xv." with index.
2. List of the writings of Dr. Asa Gray. *Am. Journ. Sci.* Sept. 1888; 3d series, xxvi. Appendix.

Prepared by Professor G. L. Goodale and Dr. Watson.

Barrett Wendell.

Assistant Professor of English.

1. The last of the ghosts. *Scribner's Mag.* Feb. 1888; iii. 227-239, *illustr.*

Oliver Clinton Wendell.

Assistant in the Observatory.

1. Comet meteor radiants. *Astronomische Nachrichten*, cxviii. 175; also *Sidereal Messenger*, vi. 359.
2. Observations of occultations during total eclipse of the moon. 28 Jan. 1888. *Astronomische Nachrichten*, cxviii. 309.
3. Observations of planet (80) Sappho. *Ibid.* cxix. 299.
4. Orbits of meteors. *Sidereal Messenger*, vii. 37.
5. Orbit of comet 1888 a (Sawerthal). *Ibid.* vii. 216.

James Clarke White.*Professor of Dermatology.*

1. An introduction to the study of the influence of diet in the production and treatment of skin diseases. *Journal of Cutaneous Diseases*, Nov. 1887.
2. Poisoning by hot-house plants. *Garden and Forest*, 2 May, 1888: i. 118.

John Williams White.*Professor of Greek.*

- 1-4. College series of Greek authors. Edited under the supervision of John Williams White and Thomas D. Seymour.
 1. Thucydides, Book v. Edited on the basis of Classen's edition by Harold North Fowler, instructor in Harvard University. Boston. Ginn & Co. 1888. 8°. pp. iv. 213.
 2. Text edition of the same. pp. 67.
 3. Xenophon, Hellenica, Books i.-iv. Edited on the basis of Büchschütz's edition by Irving J. Manatt, Chancellor of the University of Nebraska. Boston. Ginn & Co. 1888. 8°. pp. xxiii. 286.
 4. Text edition of the same. pp. 138.
5. Companion of parallel references to Hadley and Allen's Greek grammar. Designed to accompany the second edition of "A series of first lessons in Greek." Boston. Ginn & Co. 1888. 8°. pp. iv. 45.
6. Report of the committee appointed to consider the subject of college athletics, etc. With W. S. Chaplin and A. B. Hart. Cambridge. Full title on page 4.

Harold Whiting.*Instructor in Physics.*

1. Descriptive list of experiments in physics for use in preparing students for the admission examination in elementary experimental physics. With E. H. Hall. Cambridge. 1888. [Second edition.]

Josiah Dwight Whitney.*Sturgis Hooper Professor of Geology.*

1. Names and places. Studies in geographical and topographical nomenclature. Cambridge. Printed at the University Press. 1888. 16°. pp. 239. (One hundred copies printed.)

Contents: Appalachian and Cordilleran. — Oregon and Pend' Oreilles. — Topographical nomenclature: Introductory; mountains, peaks, and sierras; valleys, gorges, and cañons; plains, prairies, and savannas.

Edward Newton Whittier.*Assistant Professor of Clinical Medicine, 1884-1888.*

- 1, 2. In the *Boston Medical and Surgical Journal*:
 1. A dissecting mesenteric aneurism. 10 Nov. 1889; cxvii. 446-450, *illustr.* — 2. The malarial influence of the typhoid fever of 1887 in Boston. 8 March, 1888; cxviii. 237-240, *diagn.*

Francis Henry Williams.*Assistant Professor of Materia Medica and Therapeutics.*

1. Monthly reports upon progress in therapeutics, contributed since July, 1888, to the *American Journal of Medical Sciences*.
2. Report on progress in therapeutics. *Boston Med. and Surg. Journ.* 6, 15, Oct. 1887; cxvii. 329, 355.

Henry Willard Williams.*Professor of Ophthalmology.*

1. The importance of re-examinations as to the accuracy of vision of railroad employees and mariners. Boston. 12°. pp. 6.
Reprinted from the *Boston Medical and Surgical Journal*, 20 Oct. 1887; cxvii. 373, 374.

Justin Winsor.*Librarian of the University.*

1. The narrative and critical history of America. Vols. vi. and vii. [1888.] Roy. 8° and f° eds. Vol. vi. pp. vii. 777; vol. vii. pp. vii. 610.

Editor, and also writer of the following sections:—

- Vol. vi. 1. Notes on the revolution impending. pp. 68-112.
2. The conflict precipitated. pp. 113-230.
3. Notes on the sentiment of independence. pp. 255-274.
4. Notes on the struggle for the Hudson. pp. 323-366.
5. Notes on the struggle for the Delaware. pp. 403-446.
6. The treason of Arnold. pp. 447-468.
7. Events in the North, 1779-1781. pp. 555-562.
8. Notes on the naval history of the American revolution. pp. 589-604.
9. The closing scenes of the war. pp. 744-747.
- Vol. vii. 1. Notes on the fisheries and on the northern boundary controversies of the United States. pp. 170-184.
2. The confederation, 1781-1789. pp. 215-236.
3. Notes on the constitutional history of the United States. pp. 255-266.
4. Critical essay on the history of political parties in the United States. pp. 294-356.
5. Indian treaties and wars of the United States, etc. pp. 446-460.
6. Notes on the history of the diplomacy of the United States. pp. 512-525.
7. Territorial acquisitions and divisions of the United States [with the cooperation of Asst. Professor Edward Channing]. pp. 527-562.
8. The portraits of Washington. pp. 563-582.
2. The cartographical history of the north-eastern boundary controversy between the United States and Great Britain. Cambridge. 1887. 8°. pp. 24.

Reprinted from the *Proc. Mass. Hist. Soc.* Oct. 1887; 2d ser. iii. 349-368.

3. The French war-papers of the Maréchal de Lévis, described by the Abbé Casgrain, with comments by Francis Parkman and Justin Winsor. Cambridge. 1888. 8°. pp. 11.

Reprinted from the *Proc. Mass. Hist. Soc.* April, 1888; 2d ser. iv.

4. American editor of the *English Historical Review*. London. 1888.
5. Edited the *Harvard University Bulletin*, nos. 38, 39, 40; Oct. 1887—May, 1888.

6. Edited Bibliographical Contributions, Harvard College Library. See p. 6.
7. Tenth report of the librarian of Harvard College. 1886-87. Included in the annual report of the President, and also issued separately.

John Henry Wright.

Professor of Greek.

1. Editor, as secretary of the American Philological Association, of:—

1. Transactions of the American Philological Association for 1887. Vol. xviii. Boston. 1888. pp. 159, lix.
2. Proceedings of the American Philological Association for 1887. Burlington Meeting. Boston. 1888. pp. lix.
2. Editorial contributor to the *American Journal of Archaeology*. Vol. iii. (1887), and iv. (1888), nos. 1, 2, and 3.
3. Georg Curtius. *Proc. Am. Acad.* xxiii. 354, 355.
4. Book notices in the *American Journal of Philology*. Vol. ix. (1888), 124, 125.

PUBLICATIONS RELATING TO THE UNIVERSITY.

Being such as have come, incidentally, to the notice of the Editor.

MISCELLANEOUS.

Reference book for Harvard students. 1888-89. Cambridge. 1888. 16^o.

The Cambridge press. Andrew McFarland Davis. Worcester. 1888. 8^o. pp. 10.

Reprinted from *Proceedings of the American Antiquarian Society*, April 25, 1888; new series v. pp. 295-298. Among the Dunster MSS. in Harvard College Library are certain papers relating to the lawsuit brought against President Dunster by the heirs of Glover, which threw light on the ownership of the press, and on the titles and cost of the books printed upon it. Mr. Davis has printed and commented upon these papers.

Harvard reminiscences. By Andrew Preston Peabody. Boston. 1888. pp. vi. 217.

The University of Virginia and Harvard College. By H. B. Adams.

Ch. ix. in his *Thomas Jefferson and the University of Virginia*. Washington. 1885. (Bureau of Education. Circular of Information 1. 1885.)

The first scholarship at Harvard. By Andrew McFarland Davis. Worcester. 1887. 8^o.

Reprinted from *Proceedings of the American Antiquarian Society*, Oct. 1887; new series v. 129-139. An account of the scholarship founded by Lady Moulson.

Seminary libraries. By H. B. Adams. Baltimore. 1887.

Johns Hopkins University studies, series v. no. 11.

In Periodicals and Newspapers. — Notes from Harvard College. Its physical basis and intellectual life. H. C. Badger. *Mag. Am. Hist.* Dec. 1887; xviii. 516-522. — The true function of a university. [A review of the President's report.] *Nation*, 9 Feb. 1888; xlv. 111. — The President's report, 1886-87. F. C. Lowell. *Harvard Mo. March*, 1888; vi. 7-15. — College expenses. E. B. Leighton. *Ibid.* March, 1888; vi. 20-25. — Preparation for citizenship. I. At Harvard College. A. B. Hart. *Education*, June, 1888; viii. 630-638. — The Harvard admission examination in English. L. B. R. Briggs. *Academy* (Syracuse), Sept. 1888; iii. 345-361. — College fraternities. J. H. Porter. (*Illustr.*) *Century*, Sept. 1888;

xxxvi. 749. — Decay of class spirit. *Boston Herald*, 7 Oct. 1887. — English composition. *Boston Advertiser*, 28 Nov. 1887. — The debates at Harvard. *Ibid.* 8 Dec. 1887. — Harvard risks and requirements. B. B. *Boston Transcript*, 22 Dec. 1887. — Letter about a statue of Milton in the college yard. *Boston Post*, 11 Jan. 1888. — English at Harvard: a reply to a recent article in the *N. Y. Commercial Advertiser*. *Boston Advertiser*, 8 Feb. 1888. — The new education. *Ibid.* 16 Feb. 1888. — Addresses at the dinner of the Washington Harvard Club. *Ibid.* 17 Feb. 1888. — Summer schools at Harvard. *Ibid.* 15 March, 1888. — Professional industry. *Ibid.* 19 March, 1888. — The Semitic seminary at Harvard. *Cambridge Tribune*, 24 March, 1888. — Women and Harvard. *Boston Traveller*, 9 April, 1888. — Harvard College expenses. *Ibid.* 14 April, 1888. — The abuse of competition at Harvard. W. B. Harlow. *N. Y. Tribune*, 15 April, 1888. — Harvard's new dormitory [Hastings Hall]. *Boston Herald*, 16 April, 1888. — The reciprocal relations of Harvard University and the city of Cambridge, discussed by the Cambridge club. *Boston Advertiser* (and other papers), 17 April, 1888. — Summer schools at Harvard. *Boston Journal*, 24 March, 1888. — Stained glass for Harvard. *Boston Advertiser*, 15 May, 1888 [extr. from *N. Y. Times*]. — Discipline or the lack of it at Harvard. *Boston Traveller*, 28 May, 1888. — Who shall advance colleges? *Boston Herald*, 18 June, 1888. — English in our colleges. *Ibid.* 24 Sept. 1888. — Hastings Hall. *Cambridge Tribune*, 11 May, 1888 (*illustr.*). — Harvard College Boyden fund. *Nation*, 17 Nov. 1887. — The new dark room of the Harvard Observatory. W. H. Pickering. *Photographic Times*, 24 Feb. 1888. — The famous buildings of old Harvard: Gore Hall. P. L. A. *Cambridge Chronicle*, 2 Jan. 1888. — Harvard Divinity School library. *Library Journal*, Feb. 1888; xiii. 42, *cut*. [Reprinted from *The Christian Register*.] — A felt want. [The lack of material for art illustration at Harvard College library.] *Boston Post*, 13 March, 1888. — Shakespeare in the Harvard College library. J. Winsor.

Shakesperiana, May, 1888; v. 214. — Harvard's fine library. E. C. W. *New Haven Register*, 20 May, 1888. — The fourth year at the Harvard Medical School. *Boston Med. and Surg. Journ.*, 16 Feb., 26 July, 1888. — View of the Harvard Medical School building. *Am. Architect*, 4 Feb. 1888.

ATHLETICS.

Report of the committee of the Board of Overseers upon the subject of athletic exercises, etc. 1888.

Report of the committee to consider the subject of college athletics, etc. Cambridge. 8°. pp. 59.

Full titles on p. 4.

In **Periodicals and Newspapers**. — College athletics and physical development. E. L. Richards. *Pop. Sci. Mo.* April, 1888; xxxii. 721-732. — Are intercollegiate contests pernicious? *Andover Rev.* July, 1888; x. 83-87. — The college gymnasium. *Boston Advertiser*, 28 Oct. 1887. — Professor Sargent on the athlete. *Boston Med. and Surg. Journ.* 3 Nov. 1887. — Intercollegiate sports. H. S. *Nation*, 16 Feb. 1888. — Harvard and Yale. Plea for a dual league for college sport. *Boston Globe*, 8 April, 1888. — The report of the committee on athletics: what the students think. *Ibid.* 29 April, 1888. — The report on athletics. *Boston Advertiser*, 30 April, 1888. — Opinions from various colleges on the Harvard Overseer's athletic committee's report. N. Y. *Herald*, 1 May, 1888. — College athletics: a letter to the Overseers. R. H. Dana. *Boston Advertiser*, 2 May, 1888. — Additional note. *Ibid.* 5 May, 1888. — The problem of intercollegiate athletics. *Boston Journal*, 2 May, 1888. — Excesses and abuses in athletic sports. *Boston Med. and Surg. Journ.* 3 May, 1888. — Reminiscences of Harvard base-ball players. *Boston Sunday Globe*, 10 June, 1888.

JOHN HARVARD.

Col. Chester and John Harvard. John Ward Dean. N. E. *Hist. Gen. Reg.* Oct. 1887; xli. 411.

— The new autograph of John Harvard discovered at the Hospital of St. Katherine. *Athenaeum*, and *Academy*, 10 Dec. 1888. — Letter on the same matter quoted from the *Liverpool Courier* of 2 Dec. 1888. N. E. *Hist. Gen. Reg.* Jan. 1888; xlii. 109. — John Harvard. *Harvard Crimison*, 29 Feb. 1888. — The date and place of the marriage of John Harvard and Anne Sadler [19 April, 1636, at South Malling parish, near Lewes]. N. E. *Hist. Gen. Reg.* April, 1888; xlii. 172.

RELIGIOUS ELEMENT IN COLLEGE LIFE.

Circulars of the Plummer Professor and the Preachers to the University, July, 1888: To pastors. To teachers. To parents and friends.

Harvard vespers. Addresses to Harvard students by the Preachers to the University. 1886-1888. Boston. Roberts Bros. 1888. 12°. pp. 233.

The addresses are here reprinted from the photographic reports which appeared weekly in the *Christian Register*. The first was delivered 16 Dec. 1886, and the last 29 March, 1888. The contributors are Rev. Phillips Brooks, Rev. G. A. Gordon, Rev. E. E. Hale, Rev. A. McKenzie, Rev. A. P. Peabody, Rev. F. G. Peabody.

In **Periodicals and Newspapers**. — Weekly reports of the Harvard vesper addresses as usual in the *Christian Register*, 1887-88. — Religion in college. A. J. Gordon and J. Cooke. *Our Day*, March, 1888; i. 259. — Professor Drummond in the American colleges. C. K. Ober. *Ibid.* April, 1888; i. 306-312. — Religion in a university: the experiment at Harvard. D. N. Beach. *Andover Rev.* June, 1888; ix. 597-604. — Religion in the university. *Unitarian Rev.* July, 1888; xxx. 51-56. — Harvard College students' service in the Globe theatre. *Boston Advertiser*, 19 Dec. 1887. — Globe theatre prayer meetings. C. F. Thwing. *Congregationalist*, 7 Jan. 1888. — Globe theatre prayer meetings. *Christian Union*, 9 Feb. 1888. — Harvard's experiment. *Boston Sunday Herald*, 3 June, 1888. — An interesting experiment. *Boston Advertiser*, 6 June, 1888. — Harvard vespers. *Literary World*, 15 Sept. 1888.

SUMMARY.

In the present list 489 articles of officers of the University are recorded, against 544 in 1886-87, and 389 in 1885-86. If 32 of these articles be neglected as not to be properly classified, the rest fall into a rough classification as follows: **Bibliography**, 16; **Theology and Philosophy**, 44; **Natural Sciences**, 141; **Medicine and Hygiene**, 107; **Law**, 9; **Political Science**, 23; **Education**, 10; **Archaeology and Antiquities**, 7; **History and Biography**, 61; **Philology**, 15; **Literature**, 19; **Music** 1.

In preparing the list, circulars were sent to 221 officers; 126 furnished titles of their publications, 66 reported no publications, and 29, or about 13% (against 31% in 1886-87), made no reply. As nearly half of those who did not reply were known to have made some publications, and several corrected their titles in proof, the present list is probably more nearly complete than its predecessors.

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